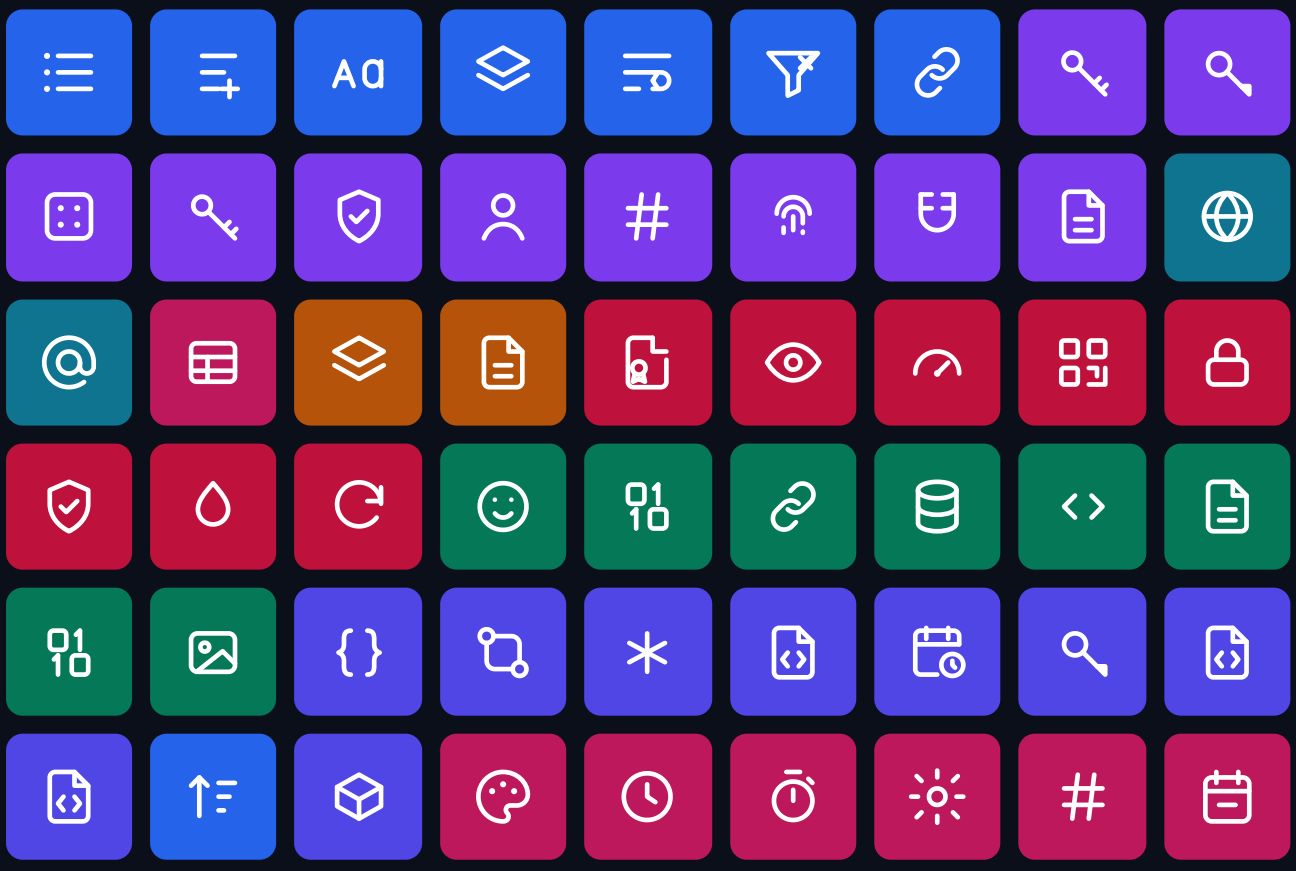
A private workbench for text, code & crypto

# Tools Collection

54 browser utilities — formatters, generators, converters and inspectors. Everything runs on your device. Nothing is ever uploaded.



TEXT PROCESSING
SECURITY
GENERATORS
CONVERTERS
EXTRACTION
DEVELOPMENT
ANALYSIS
UTILITIES

54 TOOLS
8 CATEGORIES
5 LANGUAGES
0 BYTES UPLOADED

BEFORE YOU START

# Nothing you type leaves your browser.

### How it works

Every tool is a small program that runs inside the page. Text you paste, keys you generate and files you drop are processed on your device: there is no server-side processing, no account and nothing to sign in to.

Favourites and recently used tools are remembered in your browser's local storage, on your device only. Clearing the site data forgets them.

### Getting around

| | |
|---|---|
| ⌘ K or Ctrl K | Search every tool by name or keyword |
| / | Quick open |
| ⌘ ↵ | Run the tool's main action |

The interface speaks English, Italian, German, French and Spanish, in a light or a dark theme. Every tool has its own address, so you can bookmark it.

### Sharing a tool's state

**Share** copies a link that reopens the tool with your input. The input is packed after the # of the link, a part browsers never send to a server. It is encoded, not encrypted: anyone you give the link to can read it, so do not share secrets.

### Run it yourself

The whole site is static files. It is published as a container image you can run on your own network:

```
docker run -p 8080:80 \
  ghcr.io/buildbandits/tools-collection
```

01
**Text Processing**
Reshape, clean and reorder lines of text.
8 TOOLS

02
**Generators**
Conjure keys, ids, passwords and placeholder data.
10 TOOLS

03
**Extraction**
Pull structured fragments out of raw text.
2 TOOLS

04
**Analysis**
Measure and inspect what you paste in.
2 TOOLS

05
**Security**
Keys, hashes and credentials — generated locally.
8 TOOLS

06
**Converters**
Translate between encodings and formats.
8 TOOLS

07
**Development**
Format, validate and decode developer payloads.
9 TOOLS

08
**Utilities**
Everyday helpers that didn't fit a box.
7 TOOLS

### Reading the tool pages

Tools are grouped in eight categories, each with its own colour on the edge of the page. Every entry gives the tool's number, what it does, how to use it, a screenshot of the tool at work, and its address on the site, relative to wherever Tools Collection is hosted.

# 54 tools, 8 categories


## TEXT PROCESSING

01 List Generator 4
02 Add Text to Lines 5
03 Convert Case 5
04 Remove Duplicate Lines 6
05 Remove Line Breaks 6
06 Remove Lines Containing 7
07 Slug Generator 7
08 Sort Text 8

## GENERATORS

09 Password Generator 9
10 Passphrase Generator 10
11 Random String Generator 10
12 API Key Generator 11
13 JWT Secret Generator 11
14 Username Generator 12
15 PIN Generator 12
16 UUID / ULID Generator 13
17 BitTorrent Magnet Link Generator 13
18 Lorem Ipsum Generator 14

## EXTRACTION

19 Domain Extractor 15
20 Email Extractor 16

## ANALYSIS

21 Count Duplicates 17
22 Text Counter 18

## SECURITY

23 PEM Certificate Inspector 19
24 Rclone Password Revealer 20
25 Password Strength Checker 20
26 QR Code Generator/Reader 21
27 AES Key Generator 21
28 HMAC Key Generator 22
29 Salt Generator 22
30 Recovery Code Generator 23

## CONVERTERS

31 Emoji Shortcode Converter 24
32 Base64 Encoder/Decoder 25
33 URL Encoder/Decoder 25
34 Data Size Converter 26
35 HTML Entity Encoder/Decoder 26
36 Markdown to HTML 27
37 Number Base Converter 27
38 HEIC to JPG 28

## DEVELOPMENT

39 JSON Formatter/Validator 29
40 Diff Checker 30
41 Regex Tester 30
42 XML Beautifier 31
43 Cron Expression Parser 31
44 JWT Decoder 32
45 TOML Formatter 32
46 YAML Formatter 33
47 Docker Run ↔ Compose 33

## UTILITIES

48 CSV Viewer 34
49 Color Picker/Converter 35
50 Timestamp Converter 35
51 Time Convert 36
52 Reg2GPO 36
53 Hash Generator 37
54 Date Interval 37

# 01

CATEGORY 01 OF 08

# Text Processing

Reshape, clean and reorder lines of text.


01 List Generator
02 Add Text to Lines
03 Convert Case
04 Remove Duplicate Lines
05 Remove Line Breaks
06 Remove Lines Containing
07 Slug Generator
08 Sort Text

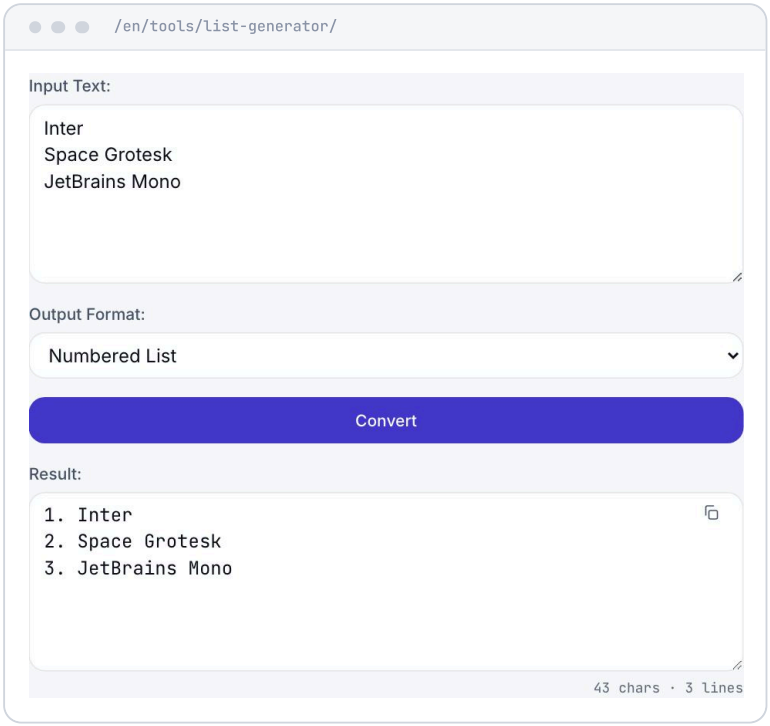

NO. 01 TEXT PROCESSING

## List Generator

Convert text into different list formats

HOW TO USE

Paste one item per line, pick an output format (Numbered, Bulleted, Comma Separated or Pipe Separated) and press Convert.




Address on the site
/en/tools/list-generator/

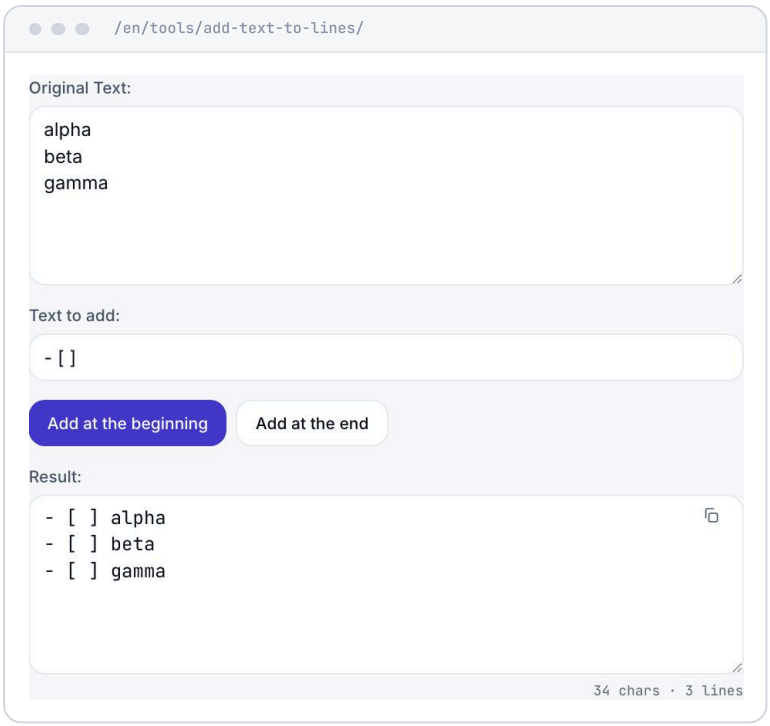
NO. 02 TEXT PROCESSING

## Add Text to Lines

Add text at the beginning or end of each line

HOW TO USE

Paste your lines, type the prefix or suffix, then add it at the beginning or at the end of every line.




Address on the site
/en/tools/add-text-to-lines/

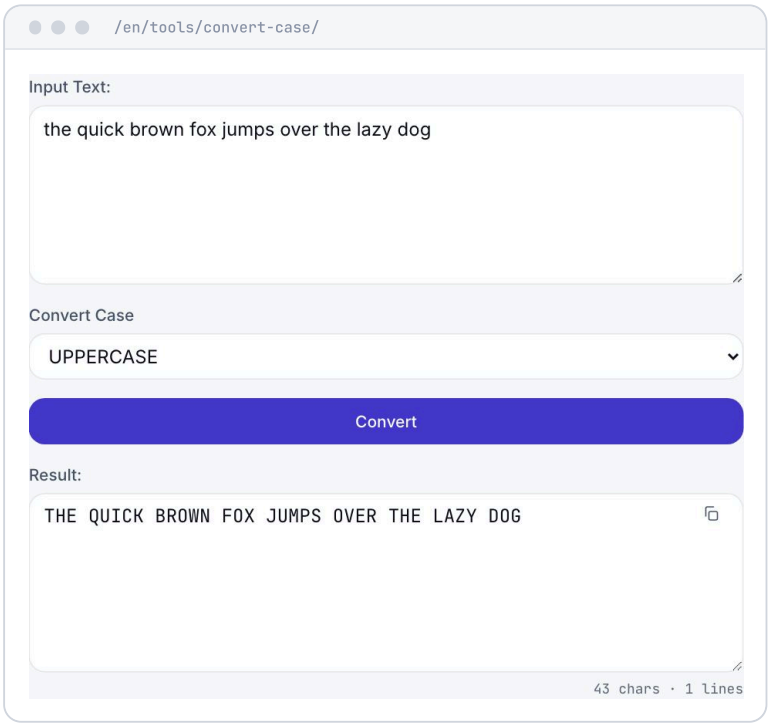
NO. 03 TEXT PROCESSING

## Convert Case

Convert text into different formats

HOW TO USE

Paste text, choose a case (UPPERCASE, lowercase, Title Case, camelCase, snake_case or CONSTANT_CASE) and press Convert.




Address on the site
/en/tools/convert-case/

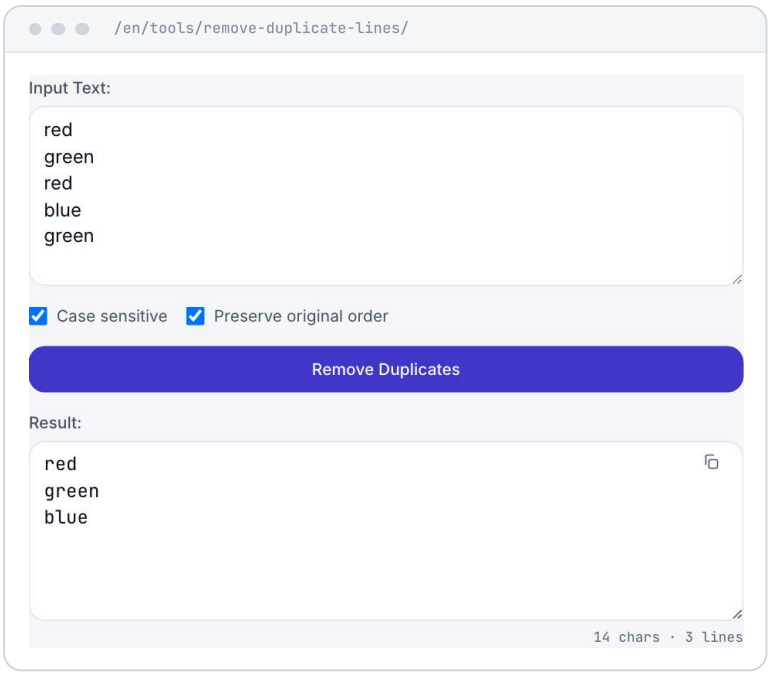
NO. 04 TEXT PROCESSING

## Remove Duplicate Lines

Remove duplicate lines from a list

HOW TO USE

Paste a list and press Remove Duplicates; “Case sensitive” and “Preserve original order” are on by default and can be turned off.




Address on the site
/en/tools/remove-duplicate-lines/

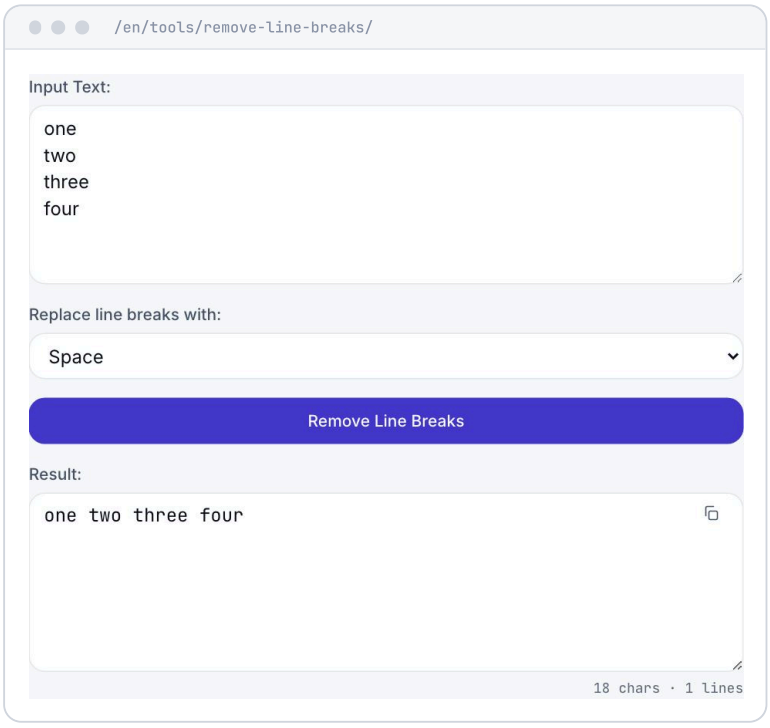
NO. 05 TEXT PROCESSING

## Remove Line Breaks

Remove all line breaks from the text

HOW TO USE

Paste text, choose what replaces each line break (Space, Nothing or a Custom string) and press Remove Line Breaks.




Address on the site
/en/tools/remove-line-breaks/

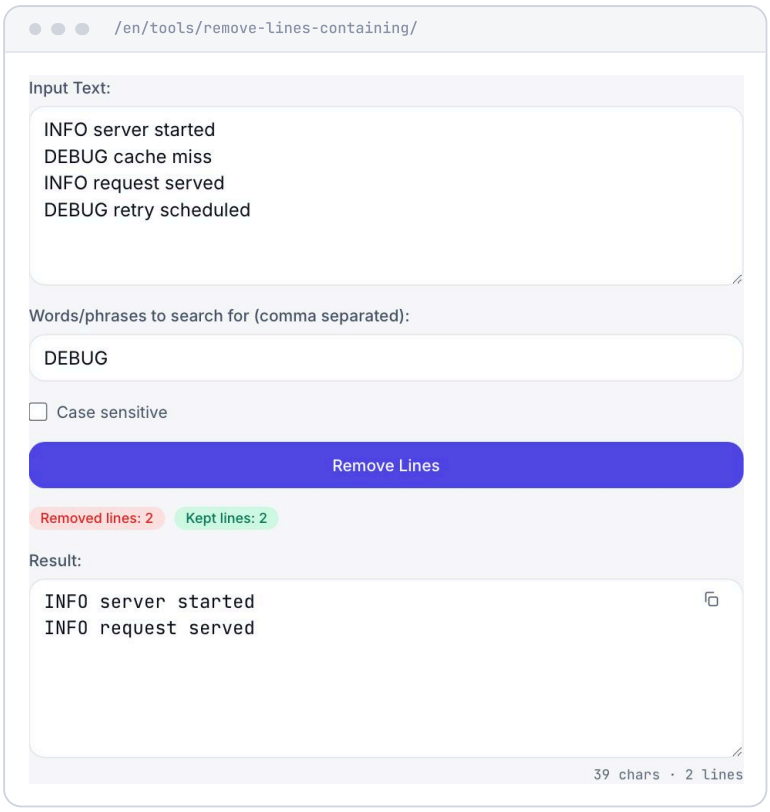
NO. 06 TEXT PROCESSING

## Remove Lines Containing

Delete lines containing specific words

HOW TO USE

Paste text, list words or phrases separated by commas and press Remove Lines; lines containing any of them are dropped and counted.




Address on the site
/en/tools/remove-lines-containing/

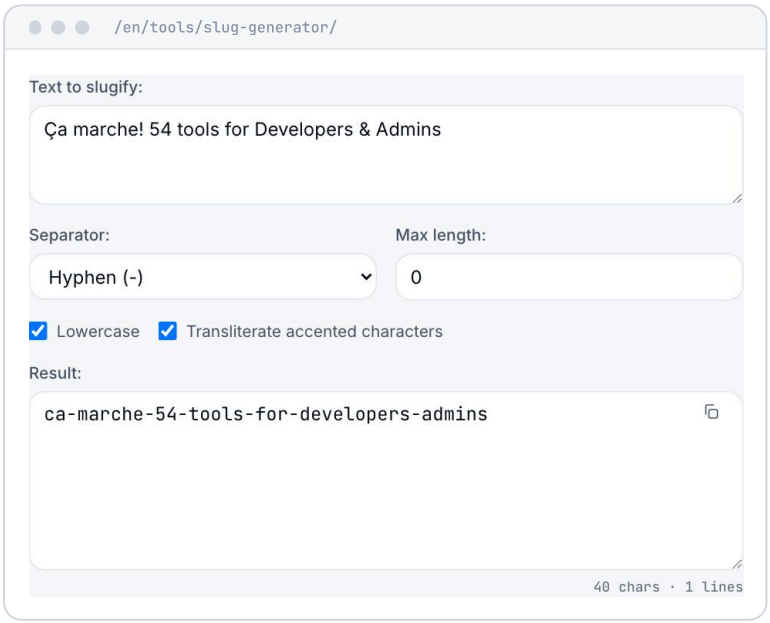
NO. 07 TEXT PROCESSING

## Slug Generator

Convert text into URL-friendly slugs

HOW TO USE

Type a title: you get a URL-safe slug, with accents transliterated and the separator and maximum length you choose.



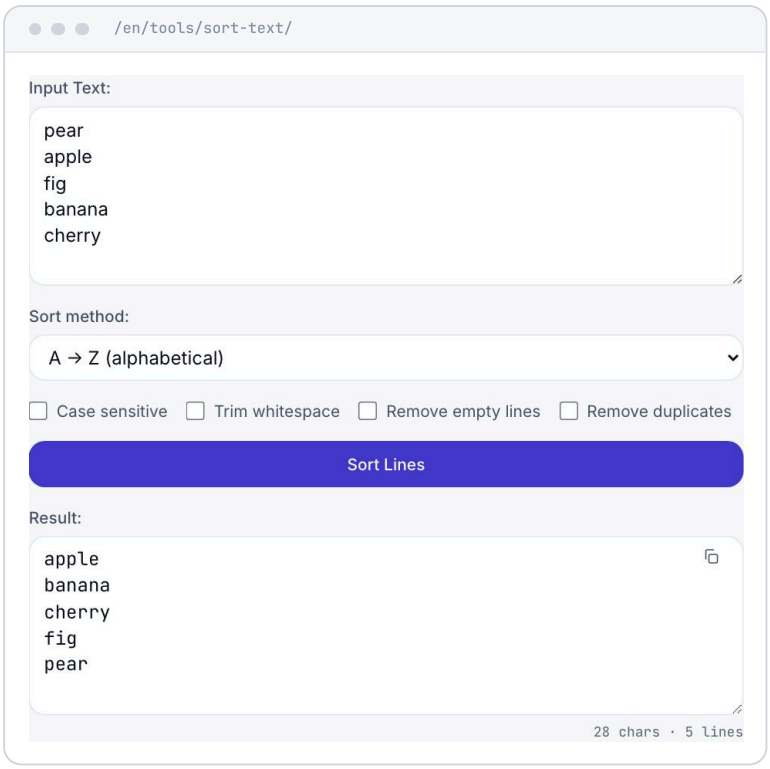

Address on the site
/en/tools/slug-generator/

# Sort Text

Sort lines of text with various ordering options

**HOW TO USE**

Paste lines, pick a sort method (A → Z, Z → A, shortest or longest first, numeric, reverse, random), optionally trim, remove empty lines or duplicates, and press Sort Lines.




**Address on the site**
/en/tools/sort-text/

# 02

CATEGORY 02 OF 08

# Generators

Conjure keys, ids, passwords and placeholder data.


09 Password Generator
10 Passphrase Generator
11 Random String Generator
12 API Key Generator
13 JWT Secret Generator
14 Username Generator
15 PIN Generator
16 UUID / ULID Generator
17 BitTorrent Magnet Link Generator
18 Lorem Ipsum Generator



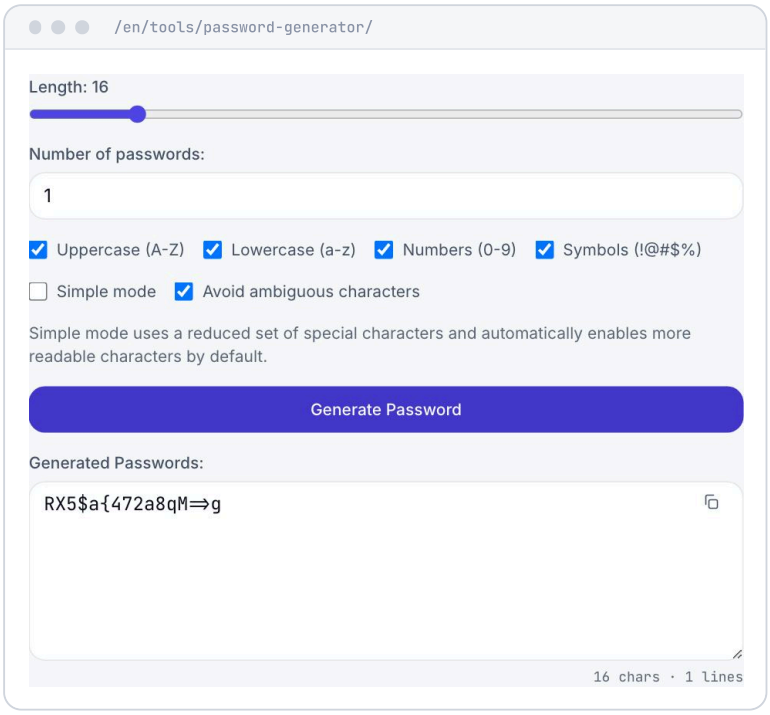

NO. 09 GENERATORS

## Password Generator

Generate strong random passwords

HOW TO USE

Set the length, how many and the character sets, then press Generate Password; ambiguous characters are left out by default and Simple mode is available.




Address on the site
/en/tools/password-generator/

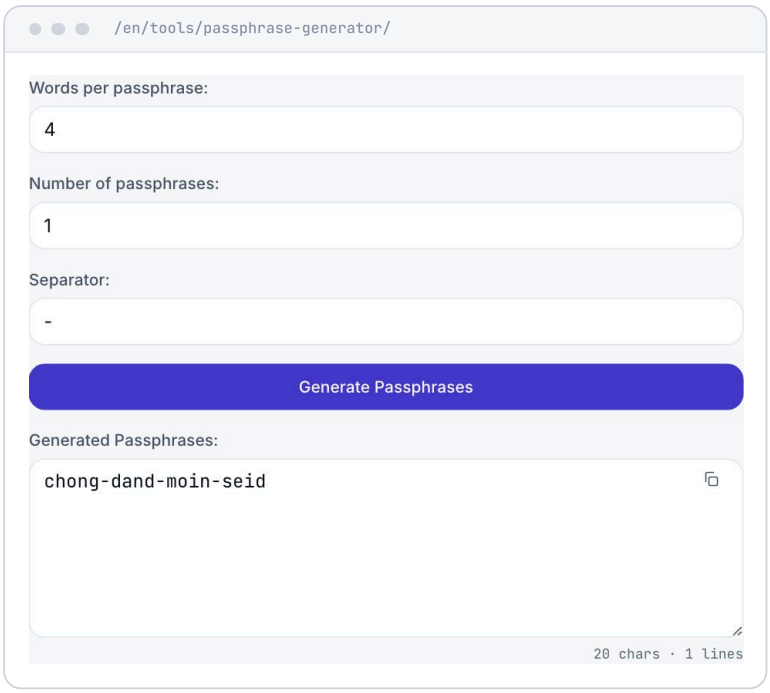
NO. 10 GENERATORS

## Passphrase Generator

Generate memorable multi-word passphrases

HOW TO USE

Choose the words per passphrase, how many and the separator, then press Generate Passphrases.




Address on the site
/en/tools/passphrase-generator/

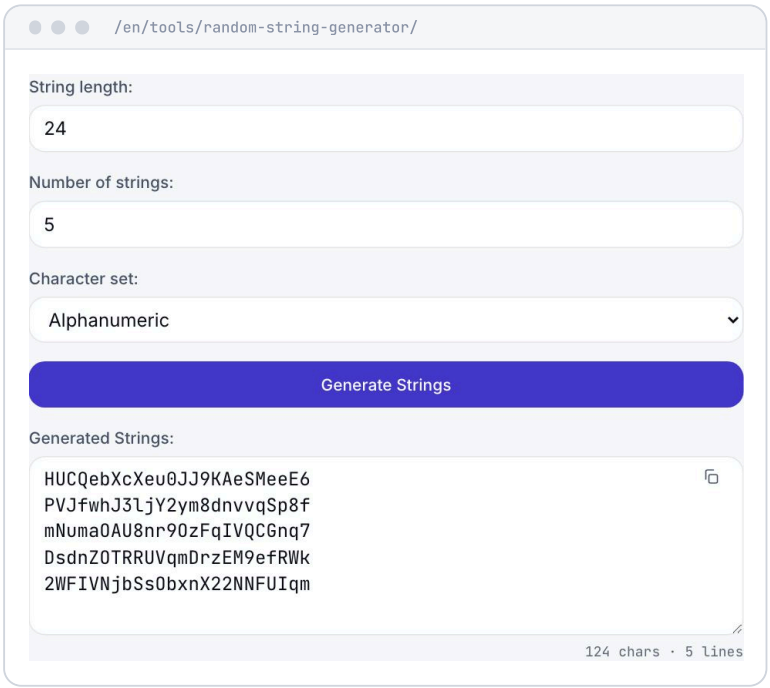
NO. 11 GENERATORS

## Random String Generator

Generate random strings with selectable character sets

HOW TO USE

Set the length, the count and the character set (alphanumeric, hex, Base64URL…) and press Generate Strings.




Address on the site
/en/tools/random-string-generator/

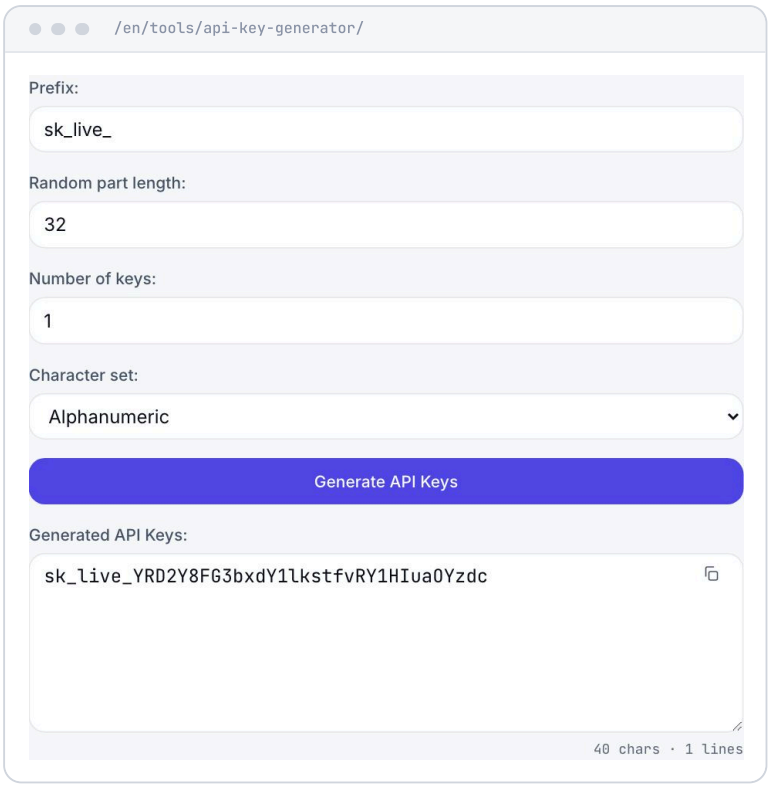
NO. 12 GENERATORS

## API Key Generator

Generate prefixed API keys with configurable character sets

HOW TO USE

Set a prefix such as sk_live_, the length of the random part and the character set, then generate keys.




Address on the site
/en/tools/api-key-generator/

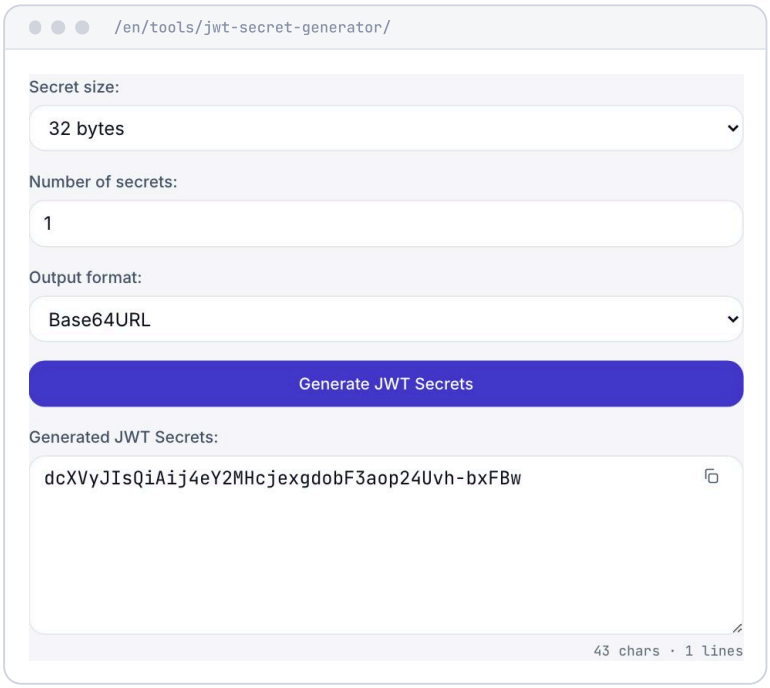
NO. 13 GENERATORS

## JWT Secret Generator

Generate JWT signing secrets in hex or Base64URL

HOW TO USE

Choose the secret size (16–64 bytes), how many, and Base64URL or Hex, then press Generate JWT Secrets.




Address on the site
/en/tools/jwt-secret-generator/

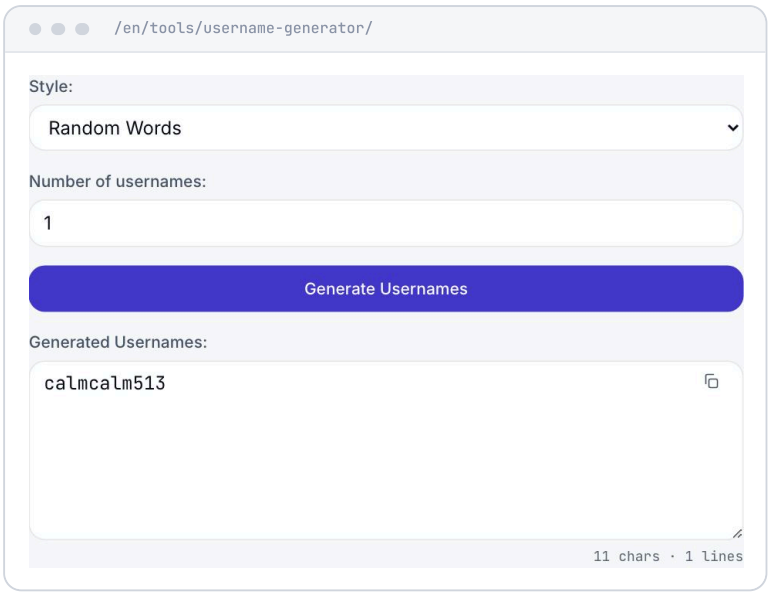
NO. 14 GENERATORS

## Username Generator

Generate unique usernames

HOW TO USE

Pick a style and press Generate Usernames for handles you can use for test accounts or new sign-ups.




Address on the site
/en/tools/username-generator/

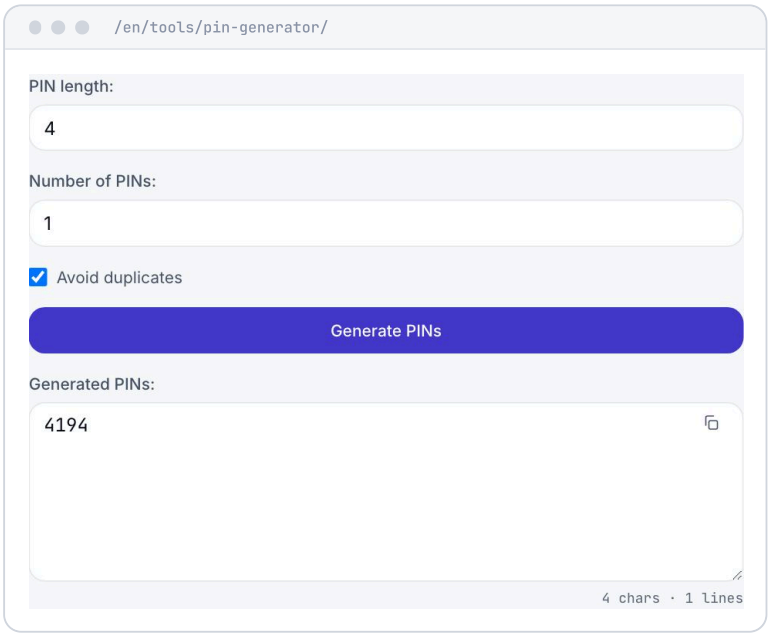
NO. 15 GENERATORS

## PIN Generator

Generate numeric PIN codes with configurable length and quantity

HOW TO USE

Pick the PIN length and how many you need; duplicates can be avoided.




Address on the site
/en/tools/pin-generator/

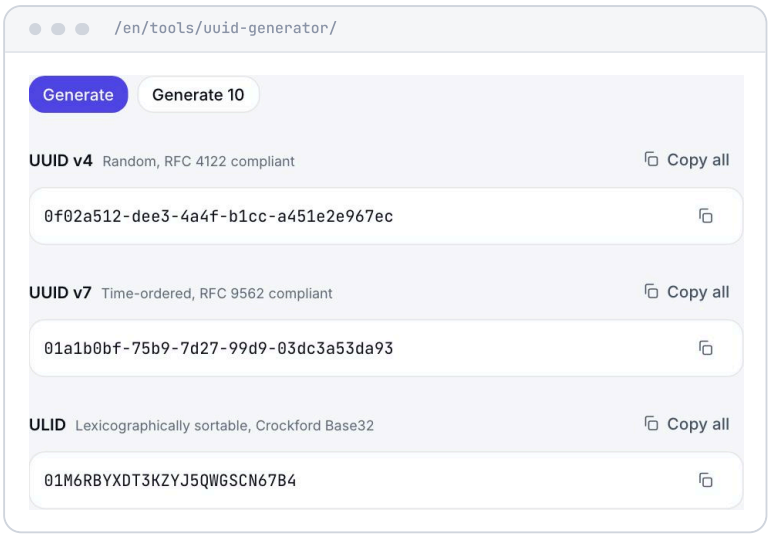
NO. 16 GENERATORS

## UUID / ULID Generator

Generate UUID v4, UUID v7, and ULID identifiers

HOW TO USE

UUID v4, time-ordered UUID v7 and ULID are ready on load; press Generate for new ones or Generate 10 for a batch.




Address on the site
/en/tools/uuid-generator/

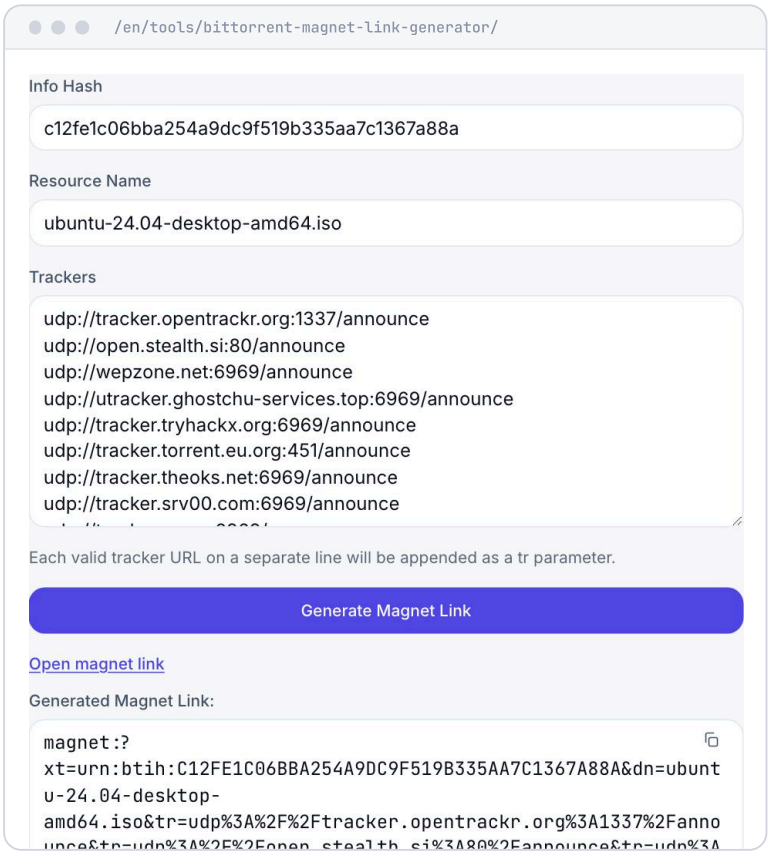
NO. 17 GENERATORS

## BitTorrent Magnet Link Generator

Generate custom magnet links from an info hash, resource name, and tracker list

HOW TO USE

Paste a 40-character hex (or 32-character Base32) info hash, optionally a name and trackers: you get a magnet link.




Address on the site
/en/tools/bittorrent-magnet-link-generator/

# Lorem Ipsum Generator

Generate placeholder lorem ipsum text

**HOW TO USE**

Choose paragraphs, sentences or words and how many, then press Generate for placeholder text.




**Address on the site**
/en/tools/lorem-ipsum-generator/

# 03

CATEGORY 03 OF 08

# Extraction

Pull structured fragments out of raw text.


19 Domain Extractor
20 Email Extractor

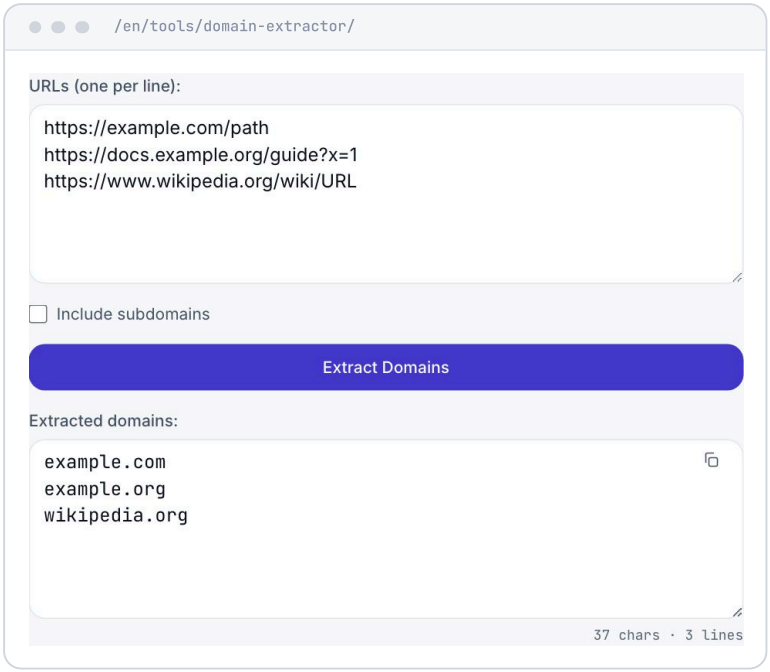

NO. 19 EXTRACTION

## Domain Extractor

Extract domains from a list of URLs

**HOW TO USE**

Paste URLs, one per line, and press Extract Domains; subdomains can be kept or folded into the main domain.



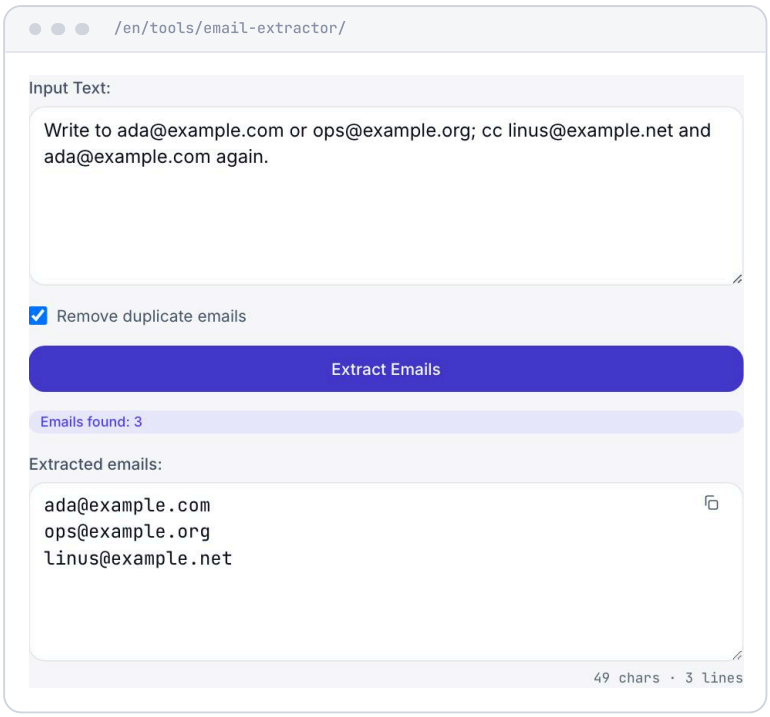

**Address on the site**
/en/tools/domain-extractor/

# Email Extractor

Extract all email addresses from text

**HOW TO USE**

Paste any text — a mail thread, a log, a web page — and press Extract Emails for a clean list of addresses.




**Address on the site**
/en/tools/email-extractor/

# 04

CATEGORY 04 OF 08

# Analysis

Measure and inspect what you paste in.


21 Count Duplicates
22 Text Counter

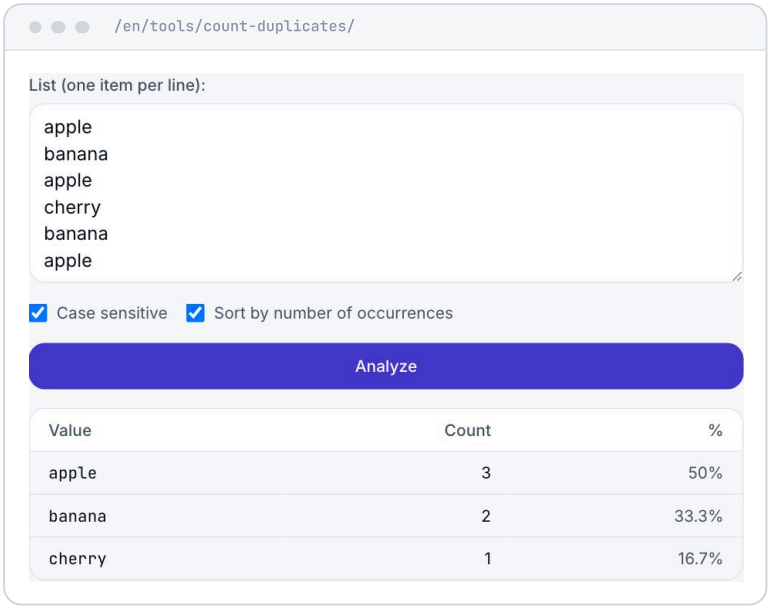

NO. 21 ANALYSIS

## Count Duplicates

Count duplicates in a list

**HOW TO USE**

Paste a list, one item per line, and press Analyze to see every value with the number of times it occurs.




**Address on the site**
/en/tools/count-duplicates/

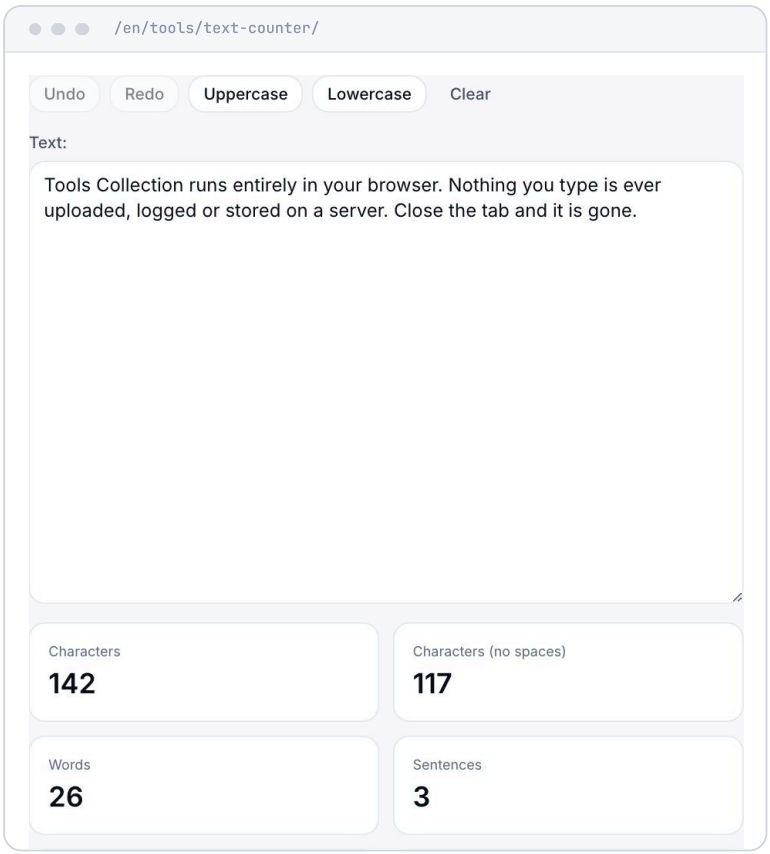
# Text Counter

Count characters, words, sentences, paragraphs, reading time, and top keywords

**HOW TO USE**

Type or paste text: characters, words, sentences, paragraphs, reading and speaking time and top keywords update as you write.

**Address on the site**
/en/tools/text-counter/



# 05

CATEGORY 05 OF 08

# Security

Keys, hashes and credentials — generated locally.


23 PEM Certificate Inspector
24 Rclone Password Revealer
25 Password Strength Checker
26 QR Code Generator/Reader
27 AES Key Generator
28 HMAC Key Generator
29 Salt Generator
30 Recovery Code Generator

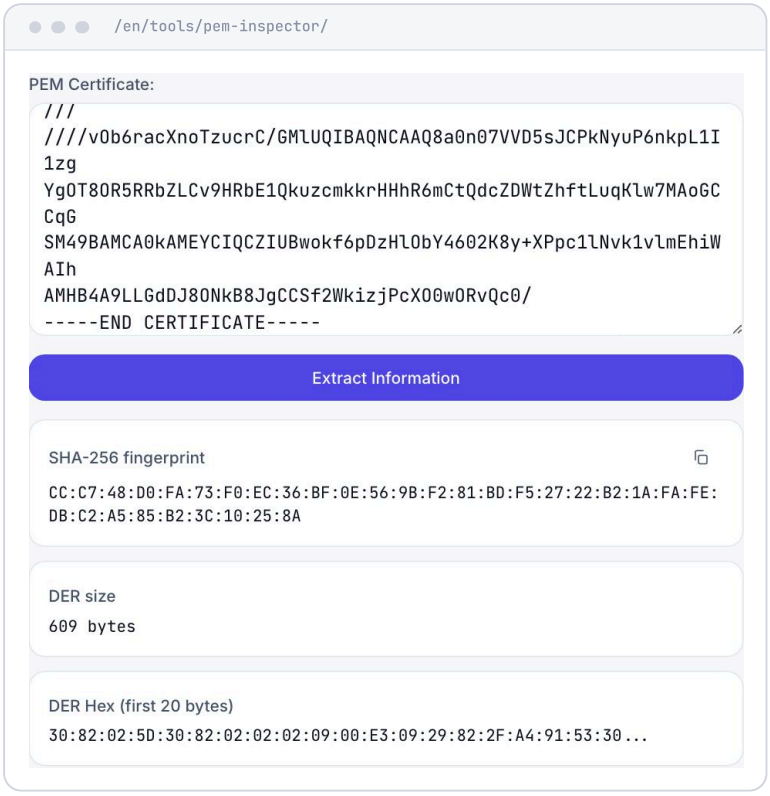

NO. 23 SECURITY

## PEM Certificate Inspector

Validate PEM certificates and compute local fingerprints

HOW TO USE

Paste a PEM certificate and press Extract Information for its SHA-256 fingerprint, DER size and the first DER bytes in hex.




Address on the site
/en/tools/pem-inspector/

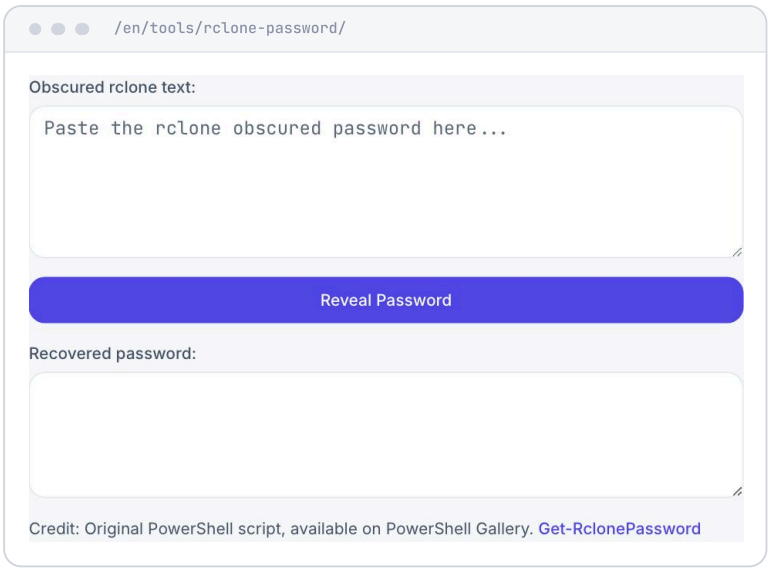
NO. 24 SECURITY

## Rclone Password Revealer

Reveal passwords stored in rclone's obscured Base64URL format

**HOW TO USE**

Paste a password obscured by rclone (from rclone.conf) and press Reveal Password to recover the clear text.




**Address on the site**
/en/tools/rclone-password/

NO. 25 SECURITY

## Password Strength Checker

Analyze password strength and get suggestions

**HOW TO USE**

Type a password to see a score out of 8, which checks it passes and suggestions; the check runs in your browser.




**Address on the site**
/en/tools/password-strength/

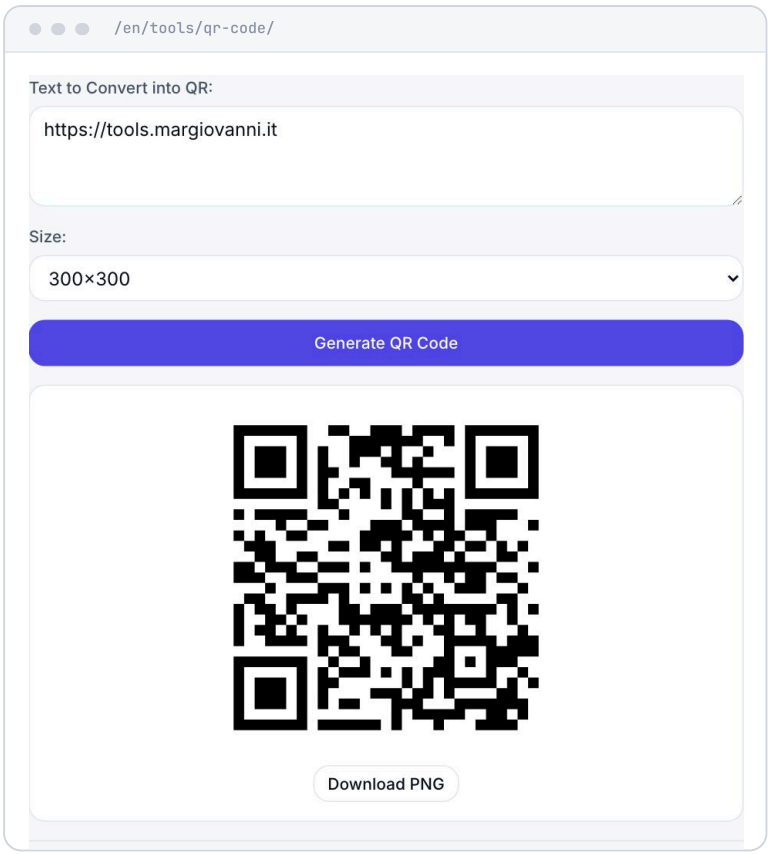
NO. 26 SECURITY

## QR Code Generator/Reader

Generate QR codes and read QR images

**HOW TO USE**

Type a URL or any text, pick a size and press Generate QR Code; you can also upload a picture to read a QR code, where the browser supports it.




**Address on the site**
/en/tools/qr-code/

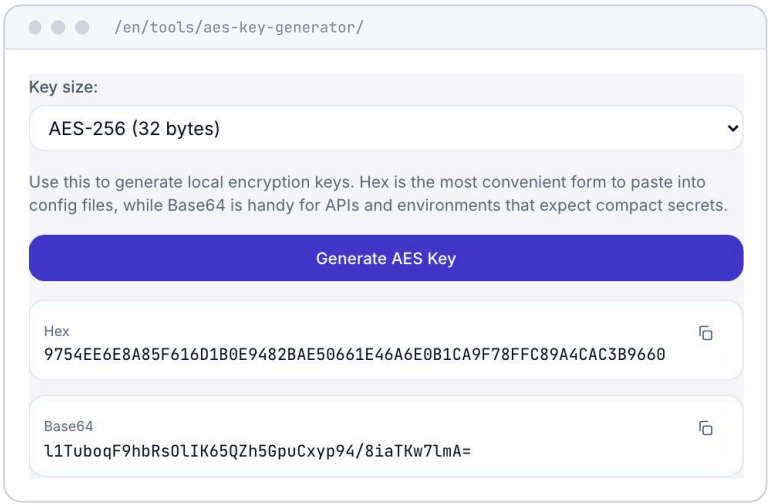
NO. 27 SECURITY

## AES Key Generator

Generate AES-128, AES-192, or AES-256 keys in hex and Base64

**HOW TO USE**

Choose AES-128, 192 or 256 and press Generate AES Key; the key is shown in hex and Base64.




**Address on the site**
/en/tools/aes-key-generator/

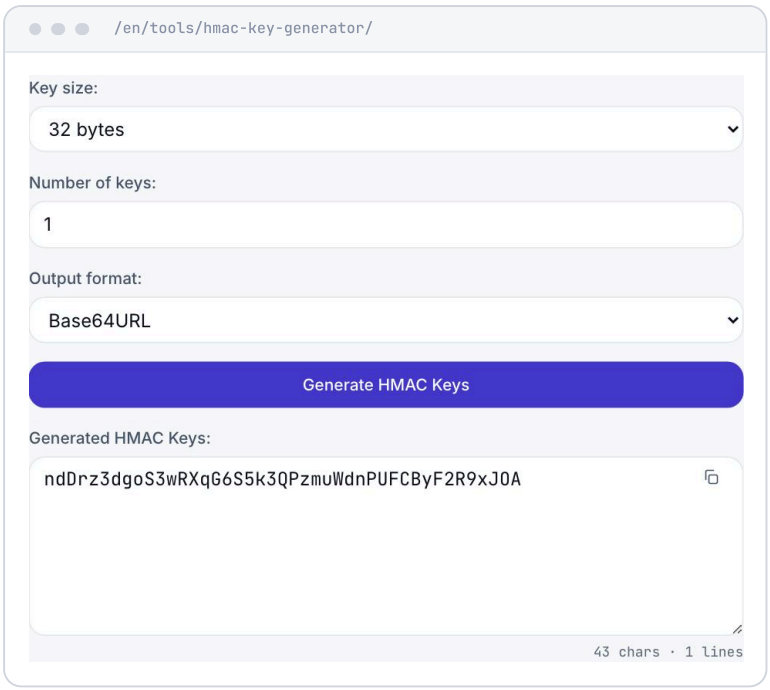
NO. 28 SECURITY

## HMAC Key Generator

Generate HMAC signing keys in hex, Base64, or Base64URL

HOW TO USE

Choose the key size (16–64 bytes), how many and Base64URL, Base64 or Hex, then press Generate HMAC Keys.




Address on the site
/en/tools/hmac-key-generator/

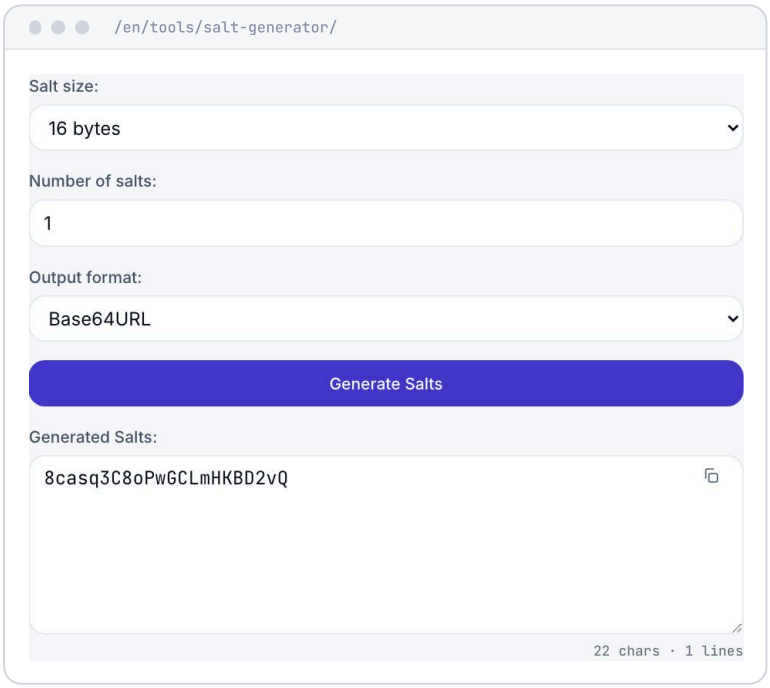
NO. 29 SECURITY

## Salt Generator

Generate cryptographic salts in hex, Base64, or Base64URL

HOW TO USE

Choose the salt size (8–32 bytes), how many and Base64URL, Base64 or Hex, then press Generate Salts.




Address on the site
/en/tools/salt-generator/

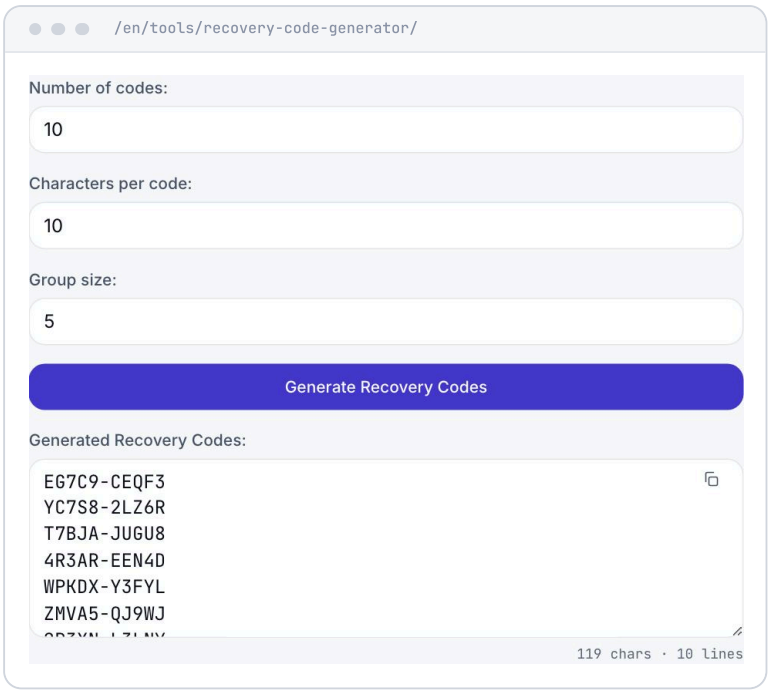
NO. 30 SECURITY

# Recovery Code Generator

Generate grouped backup or 2FA recovery codes

**HOW TO USE**

Set the number of codes, characters per code and group size, then press Generate Recovery Codes and copy the list.




**Address on the site**
/en/tools/recovery-code-generator/

# 06

CATEGORY 06 OF 08

# Converters

Translate between encodings and formats.


31 Emoji Shortcode Converter
32 Base64 Encoder/Decoder
33 URL Encoder/Decoder
34 Data Size Converter
35 HTML Entity Encoder/Decoder
36 Markdown to HTML
37 Number Base Converter
38 HEIC to JPG

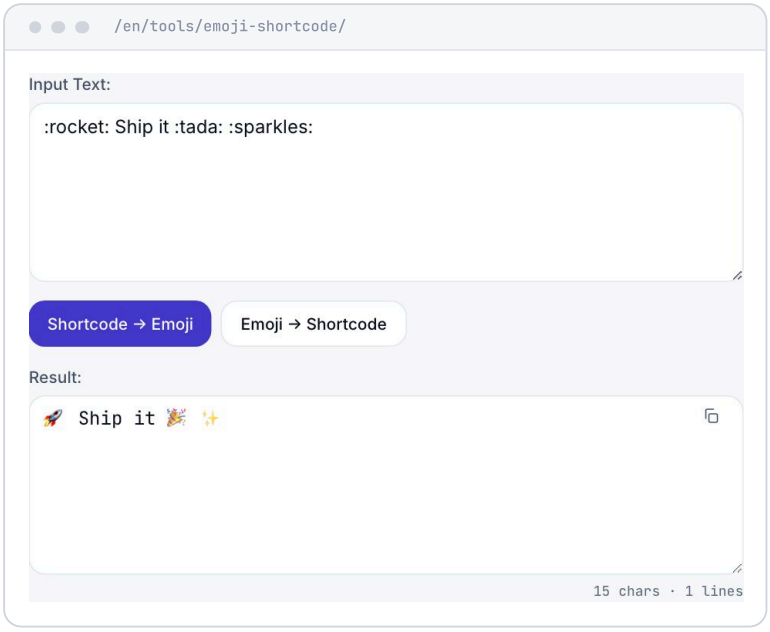

NO. 31 CONVERTERS

## Emoji Shortcode Converter

Convert emoji shortcodes into real emoji

HOW TO USE

Type text and press Shortcode → Emoji to turn :shortcodes: into emoji, or Emoji → Shortcode to go back.




Address on the site
/en/tools/emoji-shortcode/

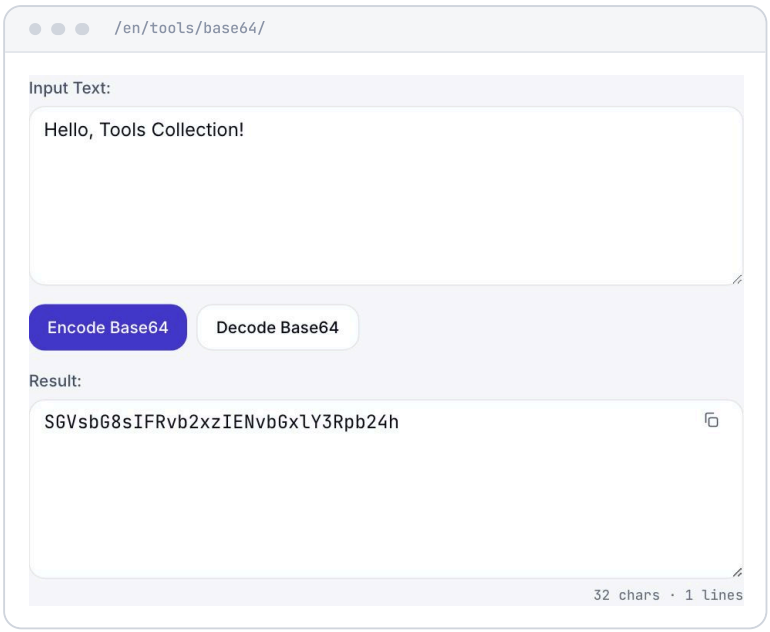
NO. 32 CONVERTERS

## Base64 Encoder/Decoder

Encode and decode text in Base64

HOW TO USE

Type text and press Encode Base64, or paste Base64 and press Decode Base64.




Address on the site
/en/tools/base64/

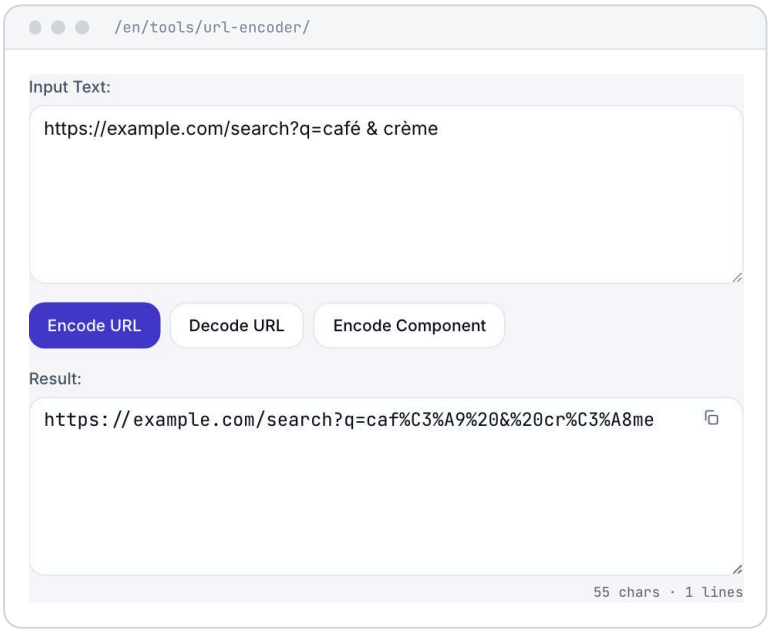
NO. 33 CONVERTERS

## URL Encoder/Decoder

Encode and decode URLs and parameters

HOW TO USE

Paste a URL or a value and encode or decode it; Encode Component also escapes characters such as / ? & =.




Address on the site
/en/tools/url-encoder/

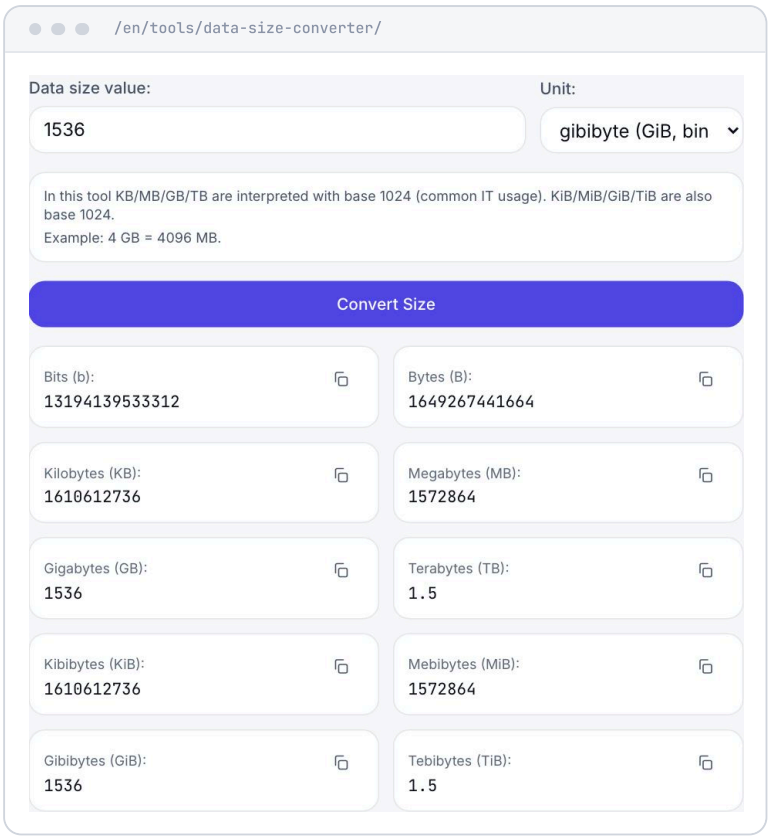
NO. 34 CONVERTERS

## Data Size Converter

Convert data sizes between decimal and binary units

**HOW TO USE**

Type a size, pick its unit and press Convert Size to see it in bits, bytes, KB–TB and KiB–TiB (all base 1024).




**Address on the site**
/en/tools/data-size-converter/

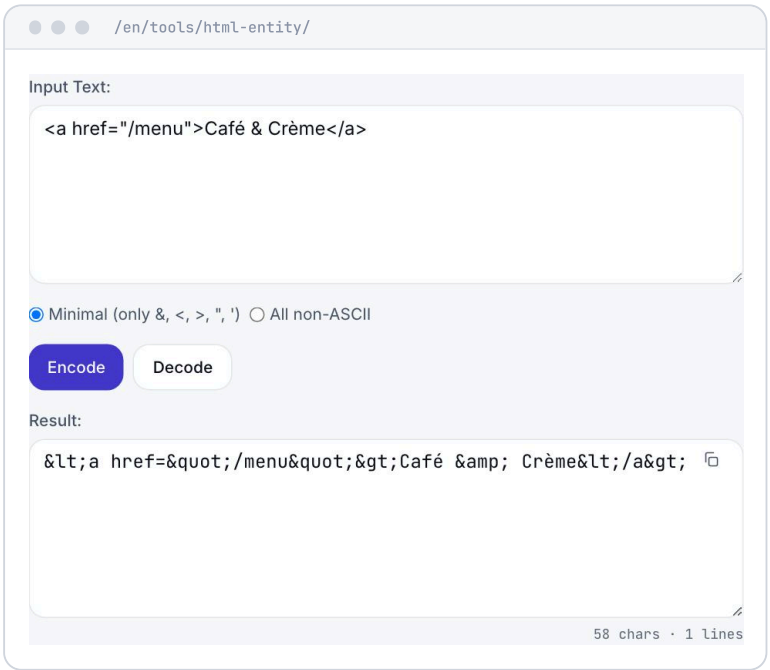
NO. 35 CONVERTERS

## HTML Entity Encoder/Decoder

Encode and decode HTML entities

**HOW TO USE**

Paste text and Encode it into HTML entities (only & < > " ' or every non-ASCII character), or Decode entities back.




**Address on the site**
/en/tools/html-entity/

NO. 36 CONVERTERS

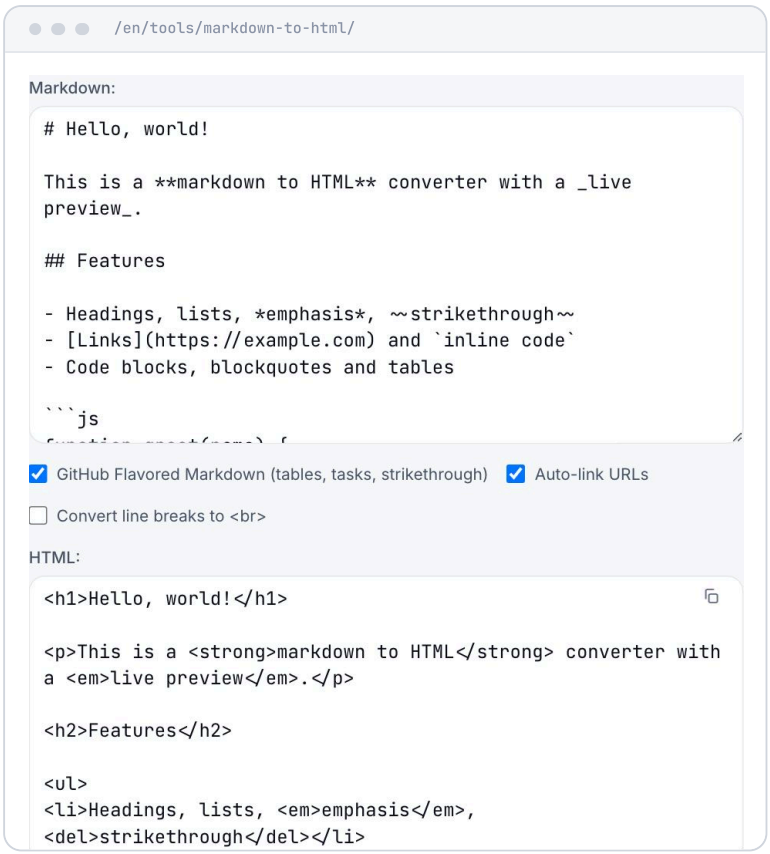
## Markdown to HTML

Convert Markdown to HTML with a live preview

HOW TO USE

Type Markdown and the HTML and a live preview update as you write; save it with Download HTML or Download full document.

Address on the site
/en/tools/markdown-to-html/




NO. 37 CONVERTERS

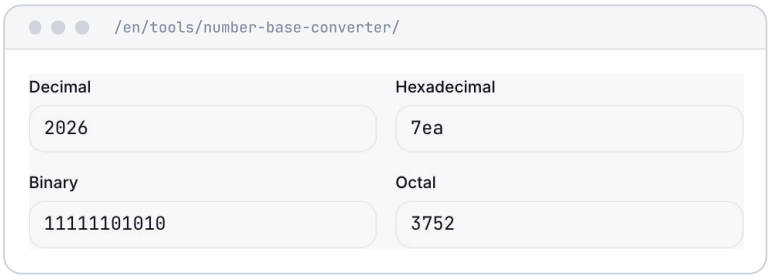
## Number Base Converter

Convert numbers between decimal, hex, binary, and octal

HOW TO USE

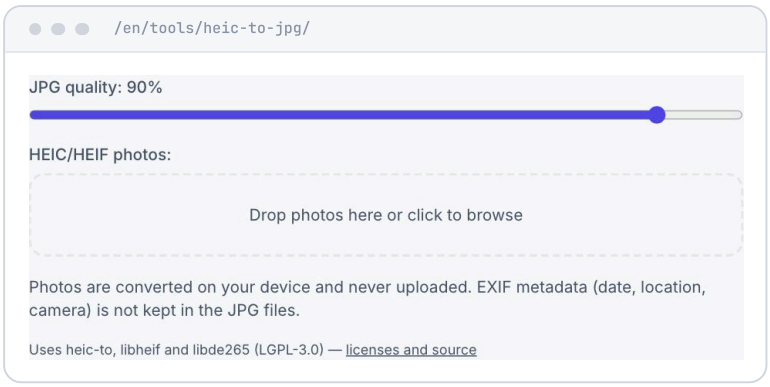
Type a number in any field — decimal, hexadecimal, binary or octal — and the others follow.

Address on the site
/en/tools/number-base-converter/



# HEIC to JPG

Convert iPhone HEIC/HEIF photos to JPG in your browser, one or many at once




## HOW TO USE

Drop iPhone HEIC/HEIF photos and download them as JPG; the conversion runs on your device and EXIF metadata is not kept.

**Address on the site**
/en/tools/heic-to-jpg/

# 07

CATEGORY 07 OF 08

# Development

Format, validate and decode developer payloads.


39 JSON Formatter/Validator
40 Diff Checker
41 Regex Tester
42 XML Beautifier
43 Cron Expression Parser
44 JWT Decoder
45 TOML Formatter
46 YAML Formatter
47 Docker Run ↔ Compose


NO. 39 DEVELOPMENT

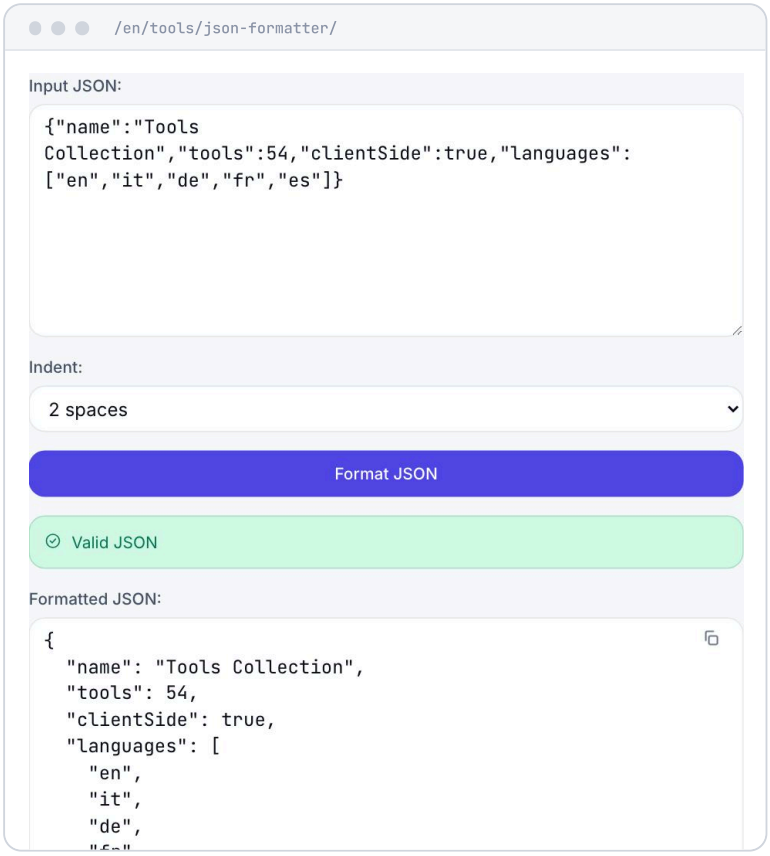
## {} JSON Formatter/Validator

Format and validate JSON with error highlighting

HOW TO USE

Paste JSON, choose the indentation (2 spaces, 4 spaces, Tab or Compact) and press Format JSON; invalid JSON is flagged.

Address on the site
/en/tools/json-formatter/



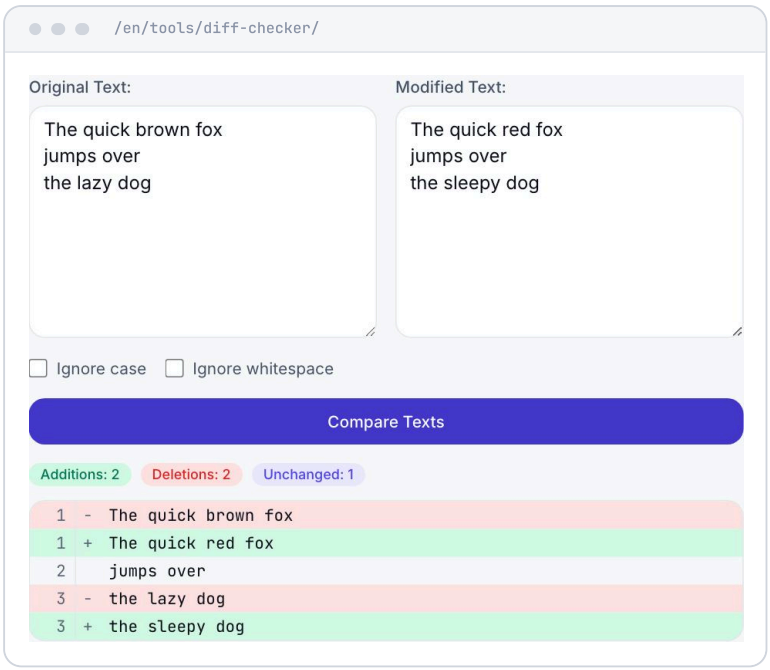
NO. 40 DEVELOPMENT

## Diff Checker

Compare two texts and find the differences

HOW TO USE

Paste the original and the modified text side by side and press Compare Texts to see added and removed lines.




Address on the site
/en/tools/diff-checker/

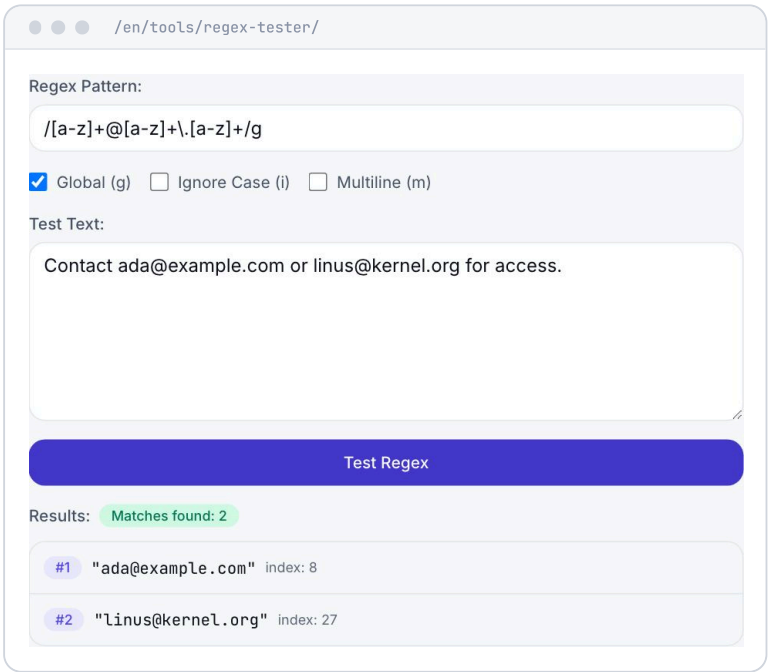
NO. 41 DEVELOPMENT

## Regex Tester

Test and debug regular expressions in real time

HOW TO USE

Write a pattern as /pattern/flags, paste test text and press Test Regex: every match and capture group is listed.




Address on the site
/en/tools/regex-tester/

NO. 42 DEVELOPMENT

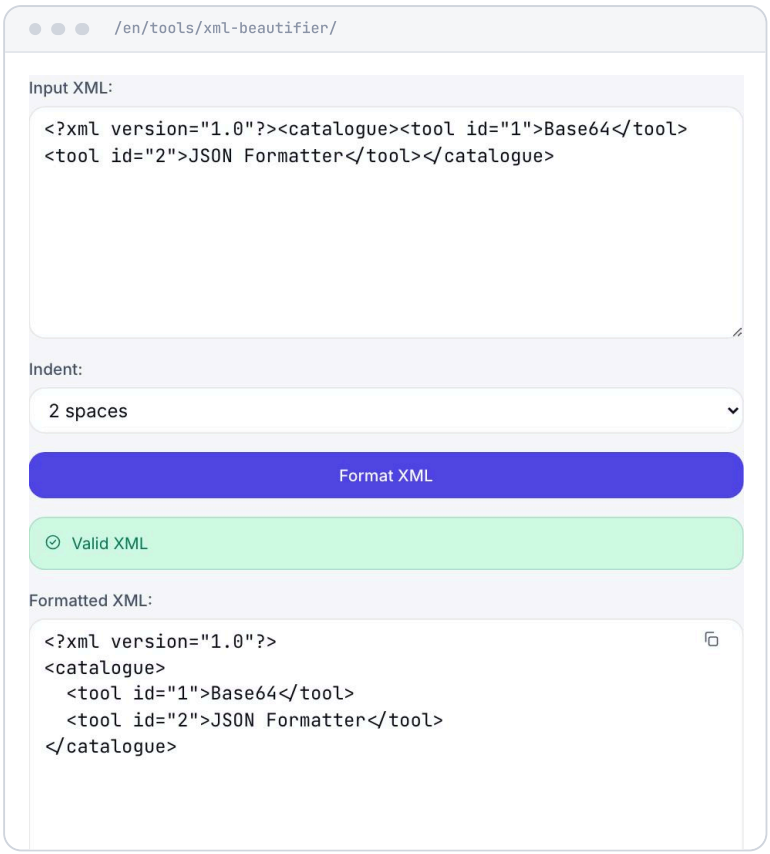
## XML Beautifier

Format and validate XML documents

HOW TO USE

Paste XML, choose the indentation and press Format XML.

Address on the site
/en/tools/xml-beautifier/




NO. 43 DEVELOPMENT

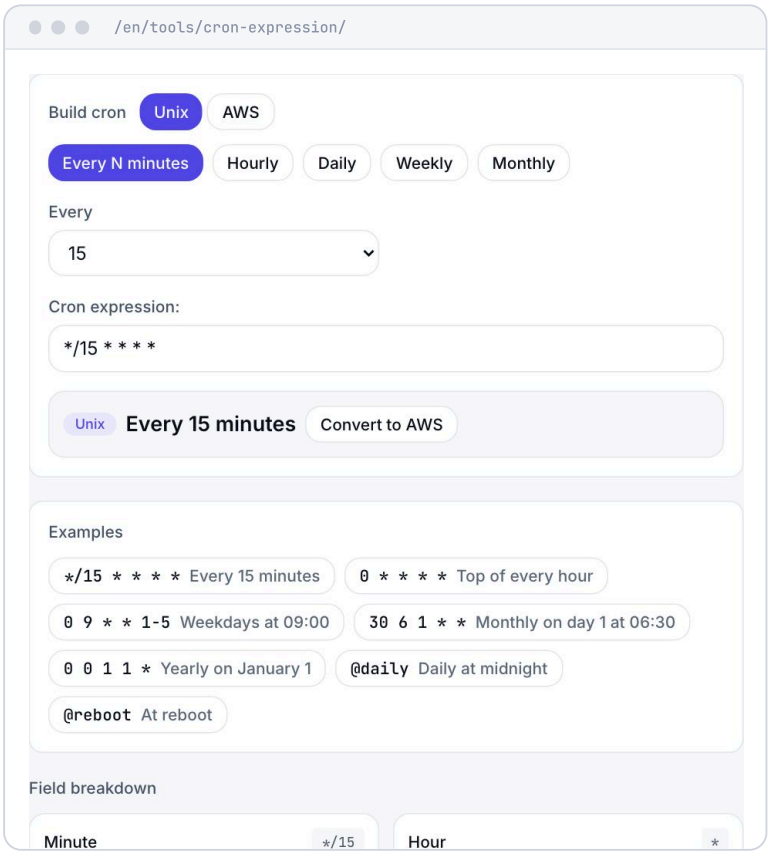
## Cron Expression Parser

Parse and explain Unix and AWS cron expressions

HOW TO USE

Build a schedule with the presets or type a cron expression: you get a plain-English summary and the next run times.

Address on the site
/en/tools/cron-expression/



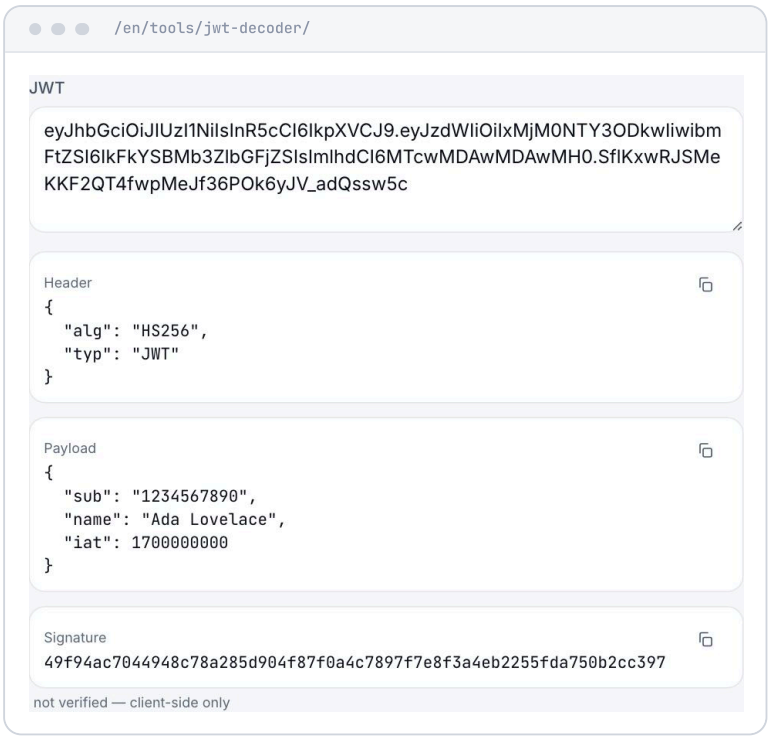
NO. 44 DEVELOPMENT

## JWT Decoder

Decode and inspect JSON Web Tokens

HOW TO USE

Paste a JWT to see its decoded header and payload and whether it is still valid or expired; the signature is not verified.




Address on the site
/en/tools/jwt-decoder/

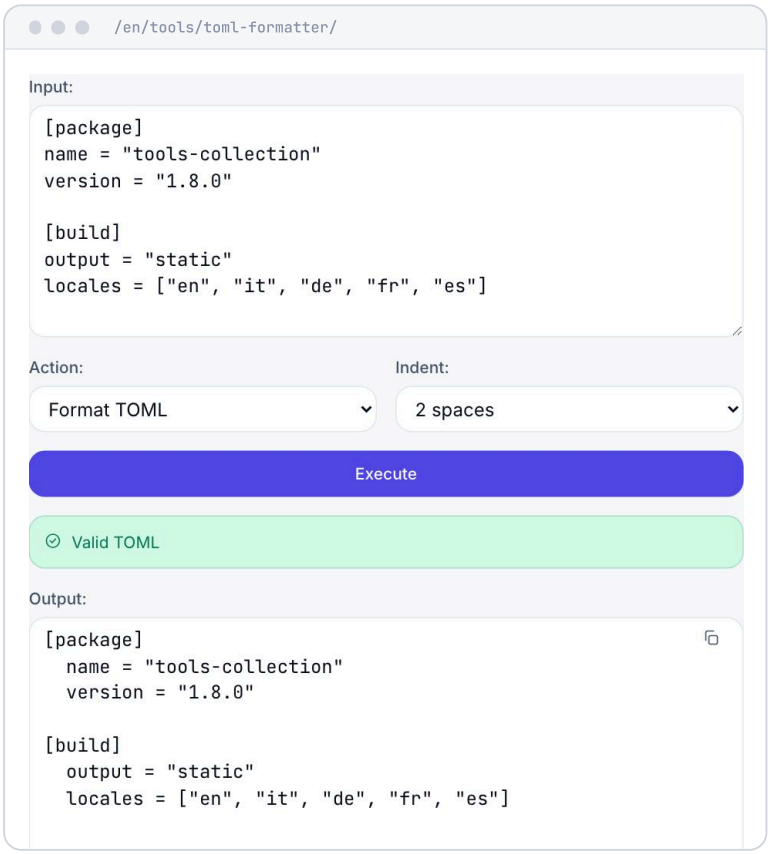
NO. 45 DEVELOPMENT

## TOML Formatter

Format, validate, and convert TOML documents

HOW TO USE

Paste TOML or JSON, choose an action (Format, Minify, TOML to JSON, JSON to TOML) and the indentation, then press Execute.




Address on the site
/en/tools/toml-formatter/

NO. 46 DEVELOPMENT

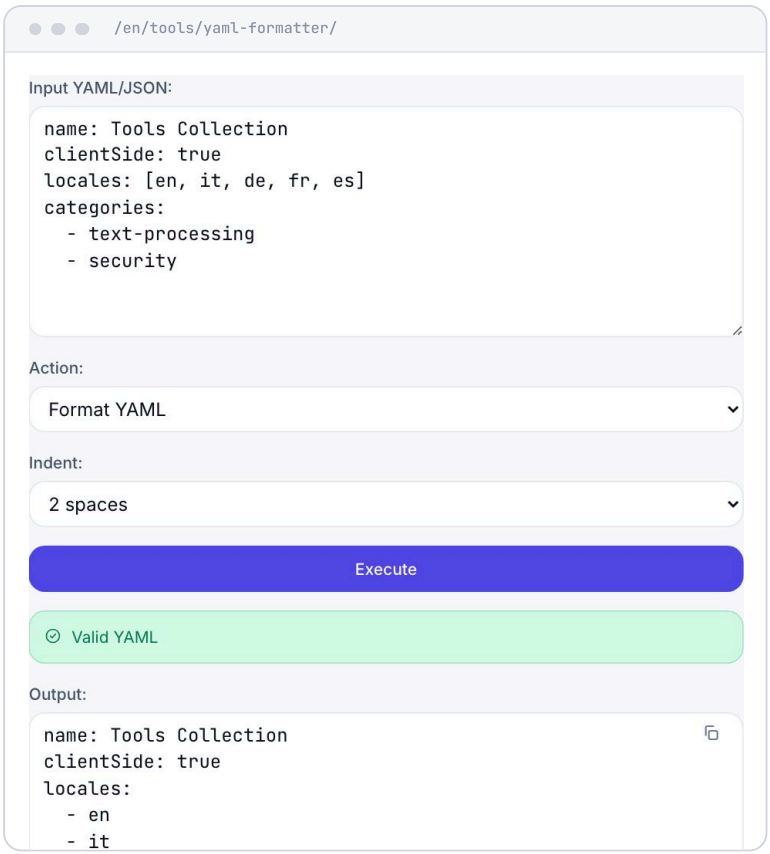
## YAML Formatter

Format, validate, and convert YAML with configurable indentation

HOW TO USE

Paste YAML or JSON, choose an action (Format, Minify, YAML to JSON, JSON to YAML) and the indentation, then press Execute.

Address on the site
/en/tools/yaml-formatter/




NO. 47 DEVELOPMENT

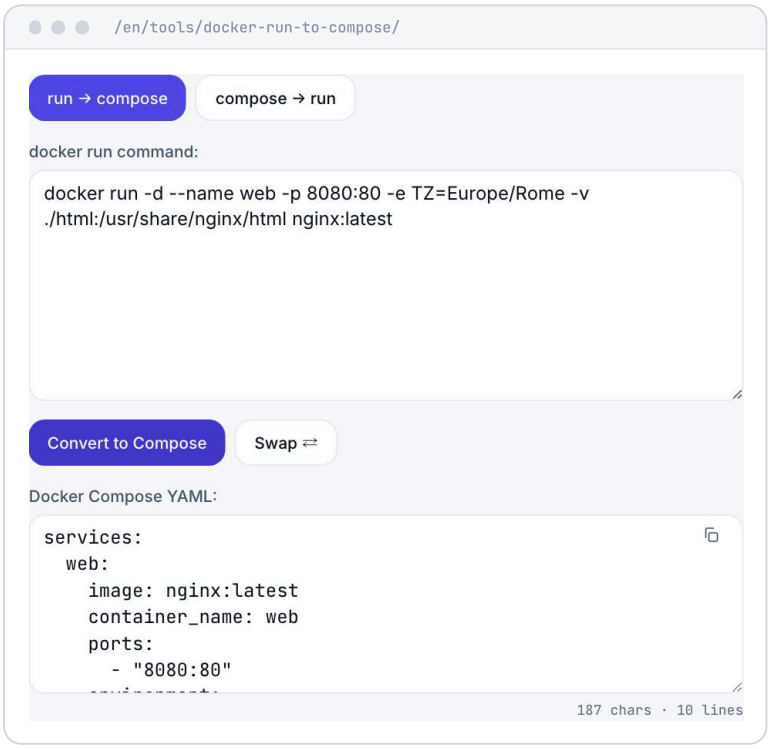
## Docker Run ↔ Compose

Convert docker run commands to Docker Compose and vice versa

HOW TO USE

Paste a docker run command and press Convert to Compose for the equivalent docker-compose.yml, or go the other way.

Address on the site
/en/tools/docker-run-to-compose/



# 08

CATEGORY 08 OF 08

# Utilities

Everyday helpers that didn't fit a box.


48 CSV Viewer
49 Color Picker/Converter
50 Timestamp Converter
51 Time Convert
52 Reg2GPO
53 Hash Generator
54 Date Interval

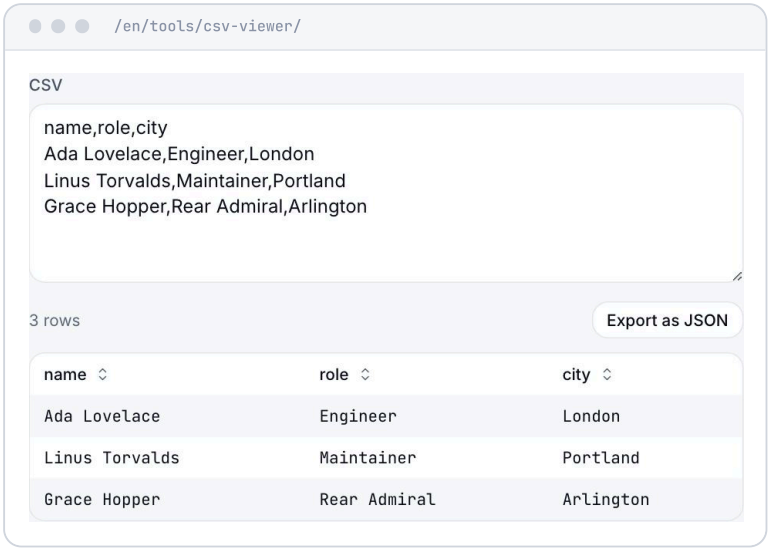

NO. 48 UTILITIES

## CSV Viewer

Paste CSV data and explore it as a sortable table

HOW TO USE

Paste CSV data to see it as a table you can sort by clicking a column; the delimiter is detected and Export as JSON downloads it.




Address on the site
/en/tools/csv-viewer/

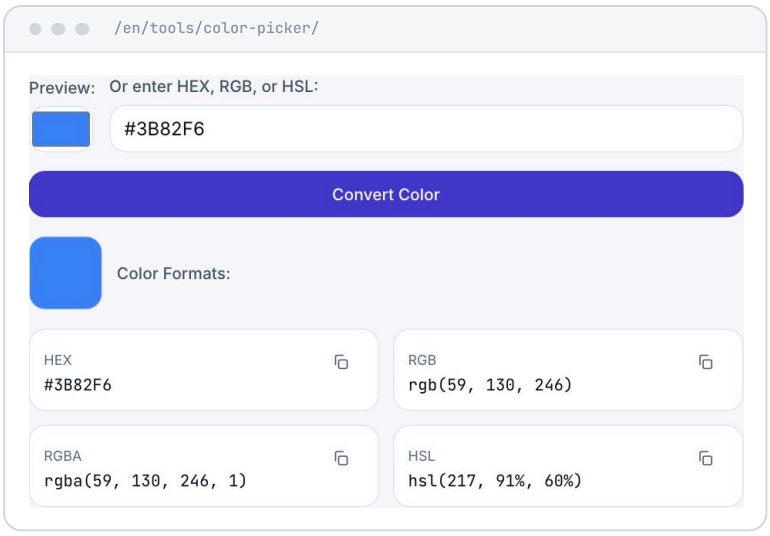
NO. 49 UTILITIES

## Color Picker/Converter

Select colors and convert between HEX, RGB, and HSL. Paste hex, rgb(), rgba(), hsl(), or hsla() values directly.

**HOW TO USE**

Pick a colour or type HEX, RGB or HSL and press Convert Color to get it in every notation.




**Address on the site**
/en/tools/color-picker/

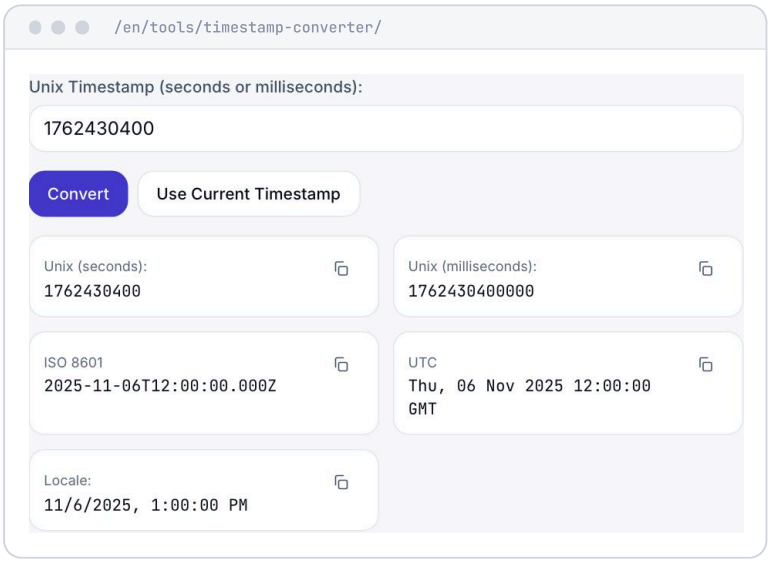
NO. 50 UTILITIES

## Timestamp Converter

Convert between Unix timestamps and readable dates

**HOW TO USE**

Paste a Unix timestamp in seconds or milliseconds and press Convert, or take the current time.




**Address on the site**
/en/tools/timestamp-converter/

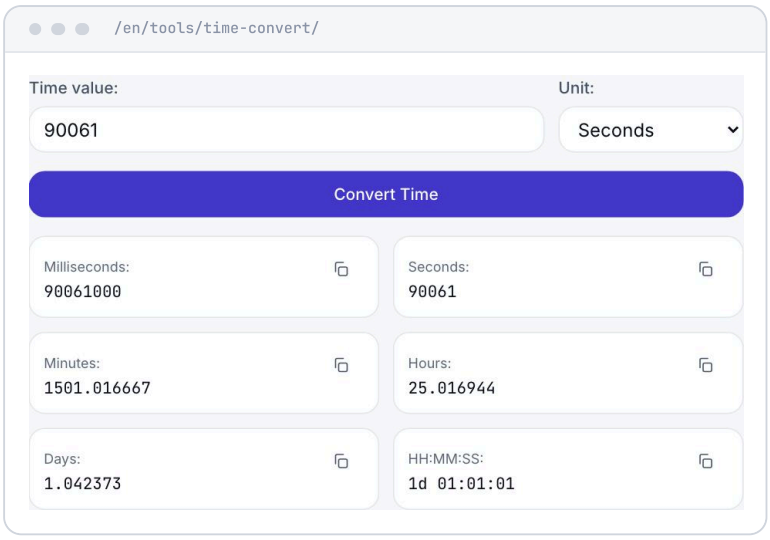
NO. 51 UTILITIES

## Time Convert

Convert durations between common time units and formatted output

HOW TO USE

Type a duration, pick its unit and press Convert Time to see it in milliseconds, seconds, minutes, hours, days and HH:MM:SS.




Address on the site
/en/tools/time-convert/

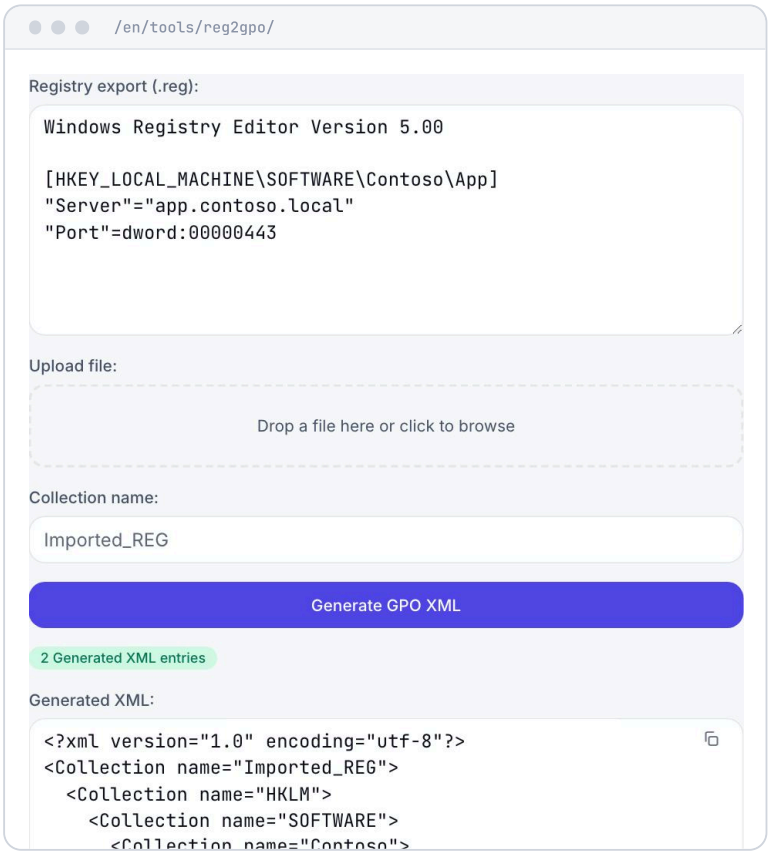
NO. 52 UTILITIES

## Reg2GPO

Convert Windows Registry exports into Group Policy Preferences XML

HOW TO USE

Paste or upload a .reg export, name the collection and press Generate GPO XML for Group Policy Preferences.




Address on the site
/en/tools/reg2gpo/

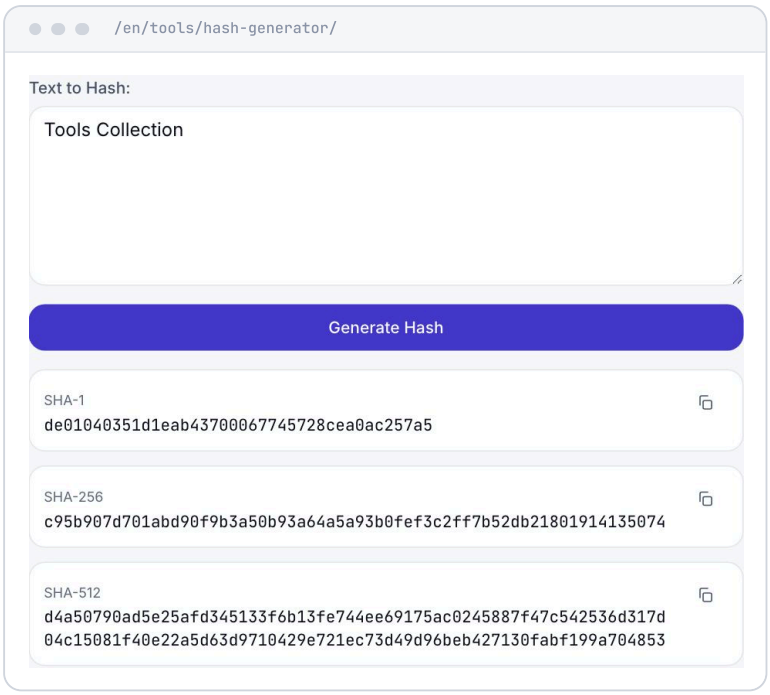
NO. 53 UTILITIES

## # Hash Generator

Generate cryptographic hashes from text

**HOW TO USE**

Type text and press Generate Hash for its SHA-1, SHA-256 and SHA-512 digests.




**Address on the site**
/en/tools/hash-generator/

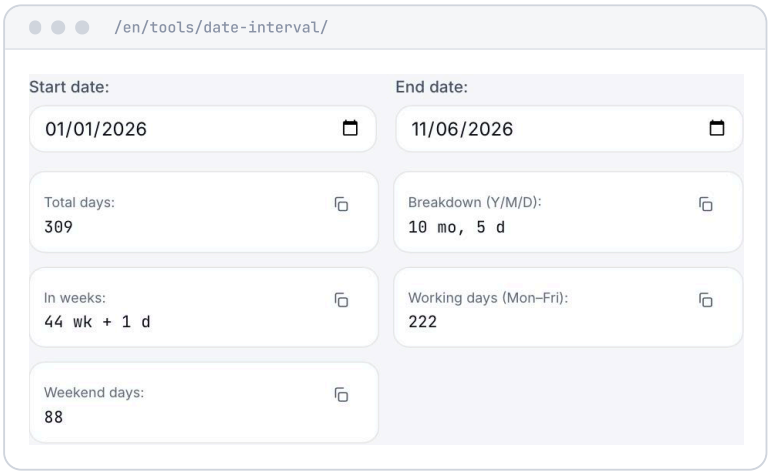
NO. 54 UTILITIES

## Date Interval

Calculate the duration between two dates

**HOW TO USE**

Pick a start and an end date: total days, weeks, working days and a years/months/days breakdown.




**Address on the site**
/en/tools/date-interval/

>_

# Fast, private utilities.
# Your data never leaves the tab.

Tools Collection 1.8.0 — free and open-source software, MIT licence. Source: github.com/BuildBandits/tools-collection
Set in Space Grotesk, Inter and JetBrains Mono (SIL Open Font License 1.1). Screenshots taken from the built site; text generated from the tool catalogue on 2026-11-06.