

IMPROVING DIGITAL BRANDS ONLINE

Extract any website's design system in one command.

Every other tool describes intent. Dembrandt observes **reality**, the one layer that sees what actually shipped.

Logo, colors, typography, borders, spacing and tokens, pulled out of any live site in one command. Consumable as design.md, DTCG tokens, or a full brand guide.



```
$ > npx dembrandt example.com  
✓ extracted 142 tokens | wrote design.md, tokens.json
```

[Open the app](#)[View on GitHub](#)

What's inside.

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Dembrandt in one page.

Dembrandt is a developer tool that reverse-engineers any website's design system into tokens, and tracks token **drift** before it breaks a brand. One command. design.md, DTCG, or a brand guide out.

- Extract logo, colors, type, spacing & borders in ~10 seconds
- Emit W3C DTCG tokens, design.md, or a brand guide
- Compare snapshots and flag **drift** over time
- Feed **agentic pipelines** via MCP (Claude, Cursor)

```
zsh

$ > dembrandt dembrandt.com
crawling | computing styles | normalizing...
✓ 10 colors | 46 text styles | 7 radii | 5 breakpoints
✓ wrote DESIGN.md tokens.dtcg.json
```

EXTRACTED TOKENS, BY CATEGORY

Design tokens	Colors Typography Spacing Radius Borders Shadows Gradients Motion
Components	Buttons Inputs Links Badges
Brand & system	Logo Favicons Breakpoints Icons Frameworks WCAG contrast

DTCG

W3C design tokens out

10 s

To a full token set

MIT

Open-source CLI

Design tokens shouldn't be copied by hand.

Every team that cares about a brand keeps a design system: colors, type, spacing, components. Keeping it in sync with what's actually shipped is tedious, manual, and quietly drifts out of date. We built Dembrandt to make that work mechanical: point it at a URL and read the real, computed design system back as structured tokens.

■ THE PROBLEM

Tokens get collected by hand: eyedropping hexes, measuring spacing, copying font stacks. It's slow, error-prone, and stale the moment a page changes. Drift goes unnoticed until the brand looks broken.

■ THE SOLUTION

One command crawls the live site, reads computed styles, and emits a normalized token set. Re-run it to compare snapshots and surface drift over time, in your terminal or in the app.

MISSION

Make the real, shipped design system of any site measurable, in one command.

VISION

Better digital brands online, where design intent and what actually ships never drift apart.

What Dembrandt extracts.

01

Token extraction

Colors, typography, spacing, borders, radius, shadows, motion, breakpoints, logo and components, read from computed styles.

02

DTCG / W3C tokens

Output the industry-standard Design Token Community Group format. Drop-in for any toolchain.

03

Output formats

Five primary deliverables: JSON (default), W3C DTCG tokens, DESIGN.md, a self-contained HTML report, and a printable PDF brand guide.

04

Dark mode, mobile & WCAG

Light and dark themes, a 390×844 mobile viewport, and WCAG 2.1 contrast grading on real DOM pairs.

05

App | drift tracking

Load extractions, browse a snapshot timeline, and diff versions to flag drift, in the app or inline on a pull request.

06

AI agent / MCP

Ships as an MCP server: agents like Claude Code and Cursor pull tokens directly via tools such as `get_design_tokens`.

DETECTION ACCURACY, MEASURED ACROSS 103 SITES

0.64 → 0.67

Logo-detection recall

11/21 → 4/21

Bad proposals, on the same set

Reveal-pass

Default: dismisses consent banners through iframes & shadow roots

Real tools, not just a server.

dembrandt-mcp exposes discrete tools, not one passthrough command. Agents like Claude Code and Cursor call exactly the operation they need, with mobile, cookie, WCAG and dark-mode options on every call.

get_findings

Pull an extraction's findings straight into the agent's context.

export_dtcg

Emit W3C DTCG tokens on demand, no CLI round-trip.

generate_design_md

Draft a design.md inline, ready for the agent to commit.

list_jobs

Check running or queued extractions before starting another.

mobile

cookie

wcag

darkMode

● ● ● agent calling a tool

```
# agent tool call, via MCP
get_findings({ url: "dembrandt.com", wcag: true, darkMode: true })
✓ 46 text styles | 3 WCAG failures | 2 dark-mode variants
```

Built for everyone who ships a brand.

01

Frontend developers

Bootstrap a token file from any reference site instead of hand-building one.

02

Design systems & DesignOps

Audit the live system, document its state, and watch for drift over time.

03

Agencies & freelancers

Reverse-engineer a client's brand in seconds and deliver a clean handoff.

04

AI agent developers

Feed structured design context into agentic pipelines over MCP.

05

Enterprises

Enforce design consistency and prevent drift across many properties.

Playwright in. Tokens out.

A headless browser loads the real site and reads **computed styles**, not source CSS, so what you get is what users actually see. Values are normalized, de-duplicated, and grouped into roles.



01

Crawl

Playwright loads N pages

02

Compute

Read computed styles

03

Normalize

Group & de-dupe roles

04

Emit

DTCG | md | guide

DRIFT DETECTION IN CI

```
● ● ● .github/workflows/drift.yml
```

```
# run on every pull request
```

```
$ > npx dembrandt $DEPLOY_URL --dtcg --compare baseline.json
```

```
x 2 drifts | brand-500 #38BDF8 → #3AA0FF
```


CI became a product.

Drift checks now live where engineers already work: inline on the pull request. And when a baseline can't be evaluated, the check fails closed instead of passing silently.

```
● ● ● .github/workflows/drift.yml
```

```
on: pull_request
$ > npx dembrandt $DEPLOY_URL --dtcg --compare baseline.json --annotate-pr
x 2 drifts → inline review comments posted on the PR
x baseline unreadable → check fails closed, no silent pass
```

PR-inline annotations

Drift shows up as a review comment on the exact diff, not a link to a separate dashboard.

Fails closed

An unevaluable baseline blocks the check. A broken comparison can no longer wave a merge through.

TRUST POSTURE

8

Security advisories cleared

30 days

Max age held on dependencies, by policy

Lint gate

Enforced in CI, not advisory

CoC

Code of Conduct on the repo

Logos & screenshots.

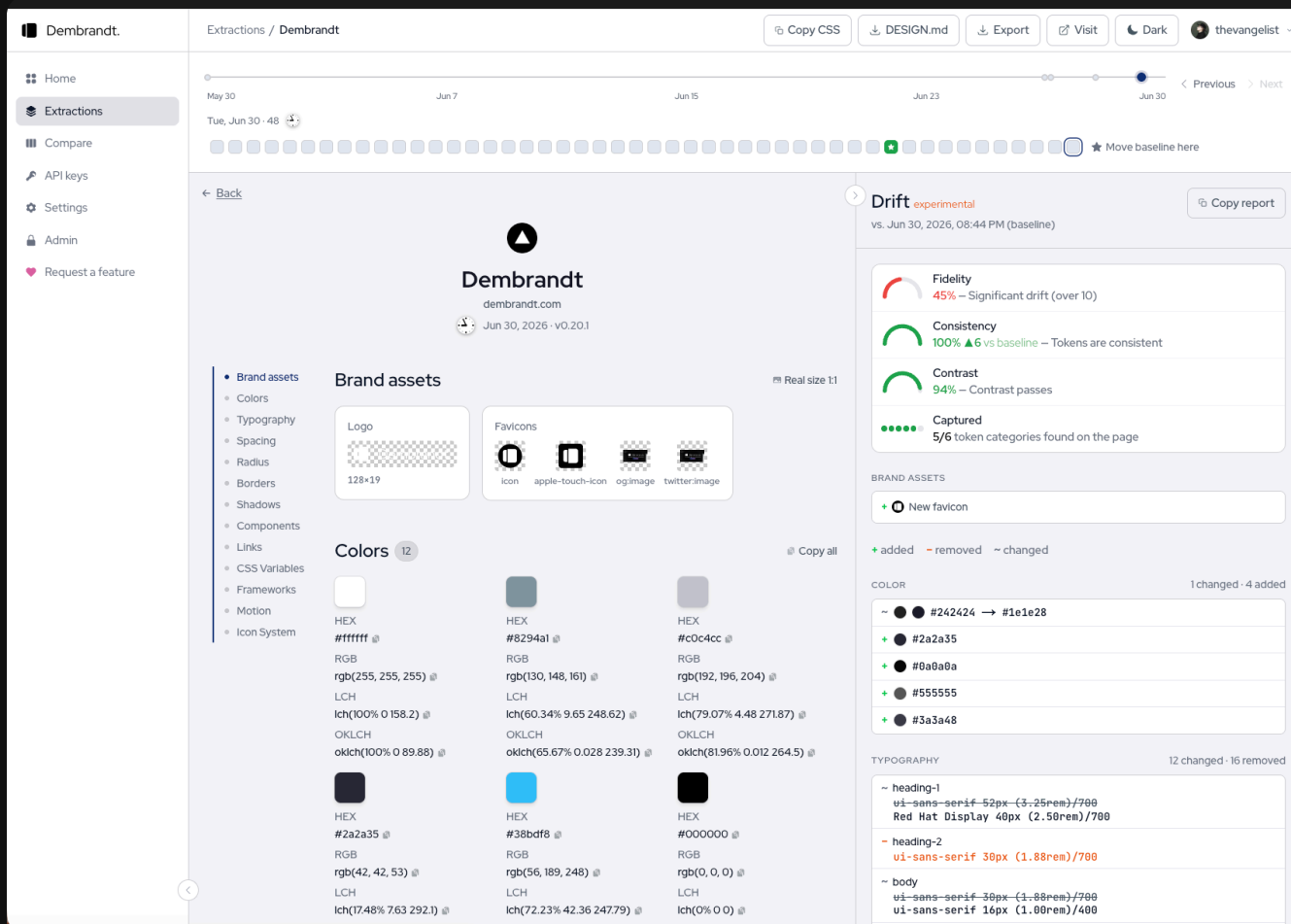
Proof, not a promise: this kit's PDF export is generated by Dembrandt's own **brand-guide** command.

 Dembrandt.
wordmark | white

 Dembrandt.
wordmark | black


symbol

App | drift & extractions



The screenshot displays the Dembrandt app interface, which is used for managing brand assets and analyzing drift. The interface is divided into several sections:

- Header:** Includes the Dembrandt logo, the title "Extractions / Dembrandt", and a toolbar with buttons for "Copy CSS", "DESIGN.md", "Export", "Visit", "Dark", and a user profile "thevangelist".
- Left Sidebar:** Contains navigation links: Home, Extractions (selected), Compare, API keys, Settings, Admin, and Request a feature.
- Main Content Area:**
 - Brand assets:** Displays a grid of assets including a logo (128x19), favicons (icon, apple-touch-icon, og:image, twitter:image), and colors (12 total). The colors section shows three color swatches with their respective HEX, RGB, LCH, and OKLCH values.
 - Drift analysis:** A section titled "Drift experimental" comparing the current state to a baseline from June 30, 2026. It includes metrics for Fidelity (45% - Significant drift), Consistency (100% - Tokens are consistent), Contrast (94% - Contrast passes), and Captured (5/6 token categories found). Below this, there are sections for "BRAND ASSETS" (New favicon) and "COLOR" (1 changed - 4 added) with a list of color changes.

High-res asset pack

SVG and PNG wordmarks, symbol, favicon and OG image, light and dark.

Brand assets

Open, adopted, dogfooded.

★ 2 500+

GitHub stars

200 000+

npm downloads

15 000+

Skill installs

MIT-licensed CLI, 40+ agent design skills, and GitHub Sponsors on the repo. Dembrandt dogfoods itself: drift gating runs in CI on dembrandt.com.

“This team has some super interesting stuff cooking! Goes well beyond DESIGN.md. Brand governance at scale in an agentic world.”

TC

Trevin Chow

@trevin | Jun 28

OPEN-SOURCE ECOSYSTEM

dembrandt

dembrandt-skills

dtcg-validator

awesome-agent-skills

dembrandt-next

Backed by internal R&D: an ONNX ML model used to improve extraction, and a growing brand-guide corpus. dembrandt-skills syncs every release, with its own install badge.

Free. All of it.

No paid tier, no seats, no trial clock. The CLI is open source, the app is free to use, and sponsorship is optional. That is the entire model.

\$0

FREE TO USE TODAY

The CLI

Free · MIT license

Full token extraction in every format — design.md, DTCG, and brand guides — with unlimited local runs. No account, no signup, install-free with npx.

The app

Free · Sign in with GitHub

Hosted extractions, drift tracking, the Compare view, and full snapshot history. Sign in with GitHub and start — nothing to configure.

Sponsorship

Optional · GitHub Sponsors

Fund the roadmap through GitHub Sponsors. It unlocks nothing, because there is nothing to unlock — it is a thank-you, not a tier.

CLI is MIT No seats No paid tier

Press · dembrandt@tutamail.com

Get in touch.

PRESS & PARTNERSHIPS

dembrandt@tutamail.com

Open the app

`npm i -g dembrandt`

PRODUCT

dembrandt.com

App

Validator

Explorer

Integrations

PACKAGE

npm

GitHub

Documentation

Releases

COMMUNITY

Discussions

Issues

Sponsor

Buy me a coffee

CONNECT

X | [@dembrandtcom](https://twitter.com/dembrandtcom)

LinkedIn

YouTube

Newsletter



At a glance.

Product	A CLI that extracts any public site's design system, logo, colors, type, borders and shadows, in one command
Latest version	v0.27.1, August 2026 (first released 2025), active release cadence — check GitHub for the current version
Core command	<code>npx dembrandt dembrandt.com</code> no install, no signup
Built with	Node.js 18+, TypeScript, Playwright (Chromium), ONNX ML model
ML layer	Trained model picks the right tokens, offline, no Python
AI / MCP	dembrandt-mcp serves tokens to Claude Code, Cursor and Windsurf
Output	Design tokens, including the W3C DTCG standard
License	MIT, CLI and ML layer, fully open source
Maintainer	GitHub org dembrandt, npm publisher thevangelist
Find it	npm: dembrandt github.com/dembrandt/dembrandt dembrandt.com

The tool I kept wanting to exist.



Designer & developer

Finland. 20 years in UX & front-end.

Most design systems are a comforting fiction. The Figma file says one thing, production says another, and the gap only widens with every sprint until nobody on the team actually trusts the tokens.

Design drift is not a cosmetic nuisance, it is the slow erosion of the one thing a brand truly sells: trust.

For twenty years I watched teams paper over that gap by hand. Every audit was the same archaeology: DevTools open, hex codes copied one by one, font stacks scribbled onto sticky notes, a spacing spreadsheet nobody would ever open again. Hours spent describing something the browser already knew perfectly.

THE NAME

Dembrandt nods to **Rembrandt**, a master of observing and rendering reality, light and shadow read exactly as they fall. Folded inside is **de-brand**: take a finished brand apart and read it back as its raw tokens. Observation in, tokens out.

So I stopped documenting intent and started measuring reality. Dembrandt reads the truth straight off the live site — the colors that actually render, the type that actually ships, the spacing that actually exists — and hands it back as tokens. No plugins, no access requests, no screenshots.

If a browser can open it, Dembrandt can take it apart. The work continues.