

# Customization

## Webshell Configuration Guide

Per-user web terminal preferences are stored in `~/.config/webshell/`.

### Directory Structure

```
~/.config/webshell/  
├─ config.json      # Theme, font size, and cursor settings  
└─ fonts/           # Dir for local fonts  
    └─ font.woff2    # (Optional) Local custom font file (.woff2, .ttf, or .otf)
```

config.json

### Options

| Key         | Type    | Default                     | Description                                   |
|-------------|---------|-----------------------------|-----------------------------------------------|
| fontFamily  | String  | 'JetBrains Mono', monospace | Font family stack                             |
| fontSize    | Number  | 15                          | Font size in pixels                           |
| cursorStyle | String  | "block"                     | Cursor shape ("block", "underline", or "bar") |
| cursorBlink | Boolean | true                        | Enable or disable cursor blinking             |
| theme       | Object  | See below                   | Color palette overrides                       |

# Theme Options (theme object)

| Key                       | Description                                |
|---------------------------|--------------------------------------------|
| background                | Terminal background color (e.g. "#000000") |
| foreground                | Default text color (e.g. "#e0e0e0")        |
| cursor                    | Cursor color (e.g. "#ffffff")              |
| black - white             | Standard 8 ANSI colors                     |
| brightBlack - brightWhite | High-intensity 8 ANSI colors               |

## Example

~/ .config/webshell/config.json

```
{
  "fontFamily": "'JetBrains Mono', 'Fira Code', monospace",
  "fontSize": 15,
  "cursorStyle": "block",
  "cursorBlink": true,
  "theme": {
    "background": "#000000",
    "foreground": "#e0e0e0",
    "cursor": "#00ff00",
    "green": "#00ff00",
    "cyan": "#00ffff"
  }
}
```

## Using Local Font Files

### Location

Place your font file in `~/.config/webshell/` as one of the following:

- `font.woff2` (Create your own if needed! See below)
- `font.ttf`
- `font.otf`

The webshell will automatically encode and load your font file into the web browser upon login.

# Determining Font Family Name from a Font File

fc-scan will return the font family name for you. It is possible to return multiple aliases so you can use the first one to simplify the process.

```
$ fc-scan GoogleSansCodeNerdFontMono-SemiBoldItalic.ttf --format "%{family}\n" | cut -d, -f1
GoogleSansCode Nerd Font Mono
```

# Use woff2 files instead of ttf or otf

These are normal font files, but compressed so it will be nicer for web use:

```
# one at a time
for f in *.ttf *.otf; do woff2_compress "$f"; done

# use all those cores!
parallel woff2_compress ::: *. [ot]tf
```

On 181 of my fonts the size dropped from 381M to 220M.

---

Revision #6

Created 2026-08-02 23:47:44 UTC by admin

Updated 2026-08-03 00:41:30 UTC by luKe