

**What's new in the**

**Latest**

**Tailwind CSS**

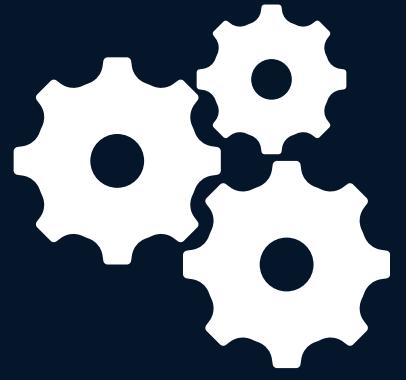
**v4.0**



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# New high-performance engine



where full builds are up to 5x faster, and  
incremental builds are over 100x faster  
— and measured in microseconds.

v3.4	v4.0	Improvement
378ms	100ms	3.78x
44ms	5ms	8.8x
35ms	192µs	182x



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A large, stylized white number '1' is positioned in the bottom right corner of the slide, partially obscured by a dark blue wavy graphic.

# Designed for the modern web



**Incorporates @layer, @property, color-mix(), and logical properties for enhanced control, animations, and RTL support.**

css

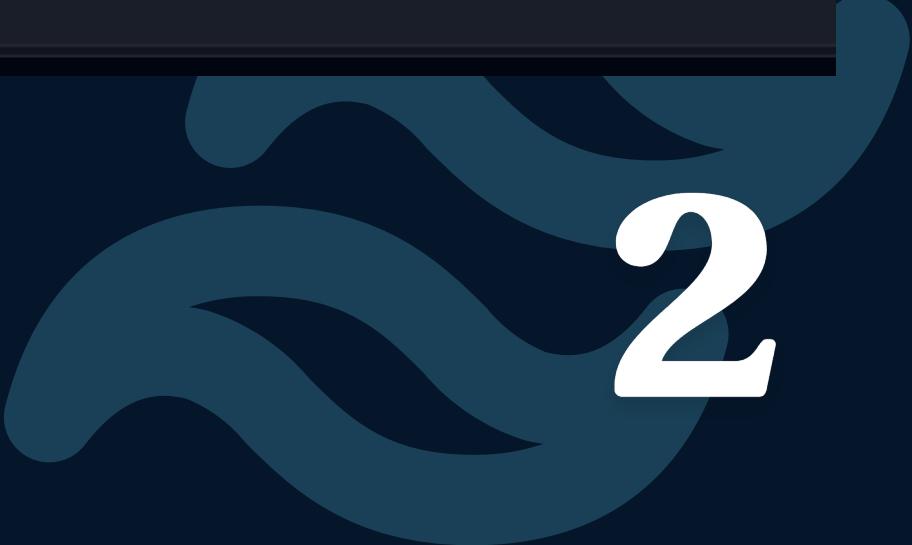
```
@layer theme, base, components, utilities;

@layer utilities {
  .mx-6 {
    margin-inline: calc(var(--spacing) * 6);
  }
  .bg-blue-500\|50 {
    background-color: color-mix(in oklab, var(--color-blue-500) 50%, transparent);
  }
}

@property --tw-gradient-from {
  syntax: "<color>";
  inherits: false;
  initial-value: #0000;
}
```



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CSS

## Simplified Installation:

**Just one `@import "tailwindcss"` in your CSS file—no configuration or external plugins required.**

### 1. Install Tailwind CSS

```
npm i tailwindcss @tailwindcss/postcss;
```

### 2. Add the PostCSS plugin

```
export default {  
  plugins: ["@tailwindcss/postcss"],  
};
```

### 3. Import Tailwind in your CSS

```
@import "tailwindcss";
```



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# First-party Vite plugin



**Tailwind integrates natively with Vite for optimal performance.**

vite.config.ts

```
import { defineConfig } from "vite";
import tailwindcss from "@tailwindcss/vite";

export default defineConfig({
  plugins: [
    tailwindcss(),
  ],
});
```



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# Automatic Content Detection

No need to configure content arrays—  
files are automatically detected using  
.gitignore and file heuristics.



```
.gitignore
/
/node_modules
/coverage
/.next/
/build
CSS
@import "tailwindcss";
@source ".../node_modules/@my-company/ui-lib";
```



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# Built-in import support

**Before v4.0, if you wanted to inline other CSS files using @import you'd have to configure another plugin like postcss-import to handle it for you.**



postcss.config.js

```
export default {
  plugins: [
    "postcss-import",
    "@tailwindcss/postcss",
  ],
};
```



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# CSS-first configuration

Instead of a `tailwind.config.js` file, you can configure all of your customizations directly in the CSS file where you import Tailwind, giving you one less file to worry about in your project



CSS

```
@import "tailwindcss";  
  
@theme {  
  --font-display: "Satoshi", "sans-serif";  
  
  --breakpoint-3xl: 1920px;  
  
  --color-avocado-100: oklch(0.99 0 0);  
  --color-avocado-200: oklch(0.98 0.04 113.22);  
  --color-avocado-300: oklch(0.94 0.11 115.03);  
  --color-avocado-400: oklch(0.92 0.19 114.08);  
  --color-avocado-500: oklch(0.84 0.18 117.33);  
  --color-avocado-600: oklch(0.53 0.12 118.34);  
  
  --ease-fluid: cubic-bezier(0.3, 0, 0, 1);  
  --ease-snappy: cubic-bezier(0.2, 0, 0, 1);  
  
  /* ... */  
}
```

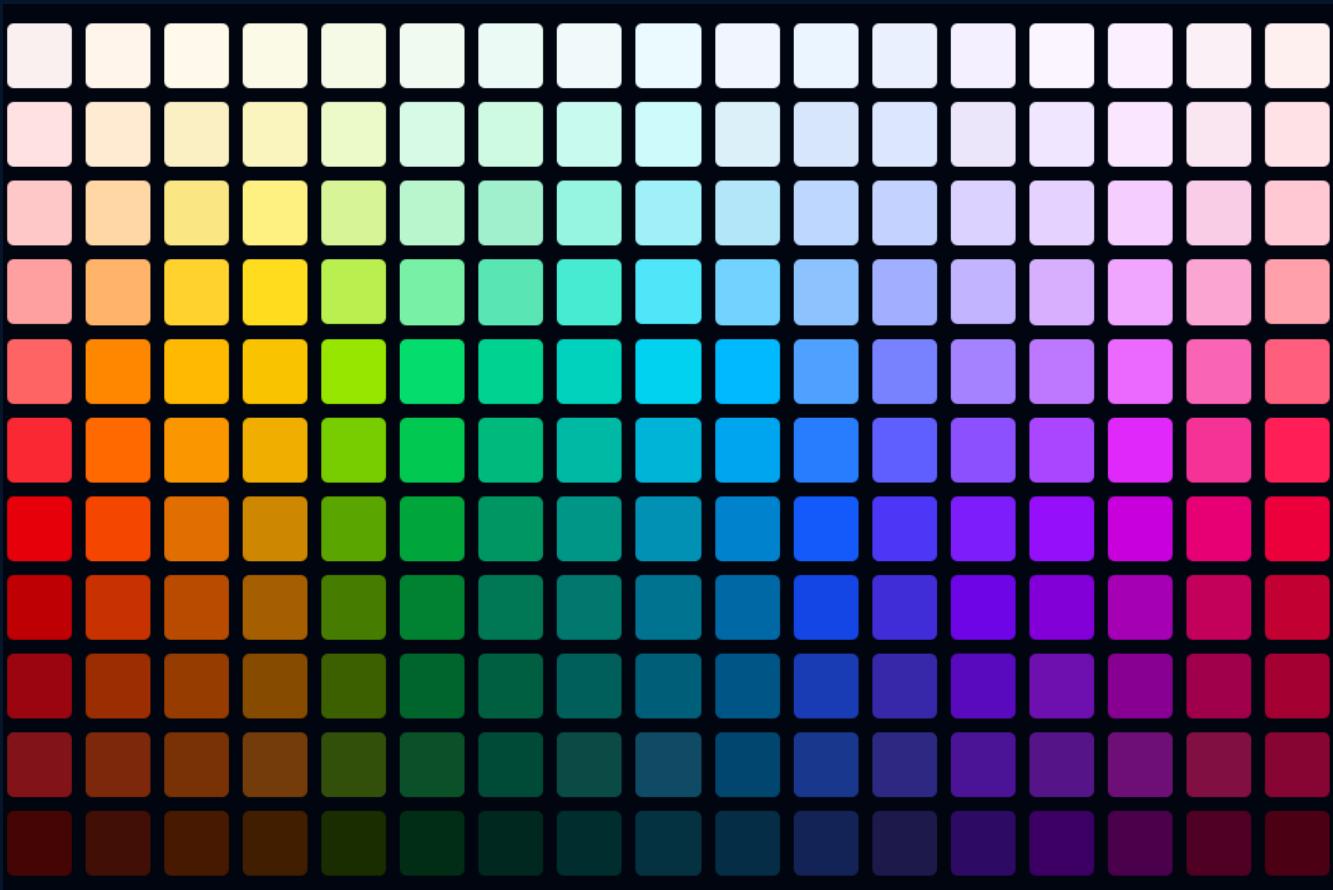


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# Modernized P3 color palette

**Before v4.0, if you wanted to inline other CSS files using @import you'd have to configure another plugin like postcss-import to handle it for you.**



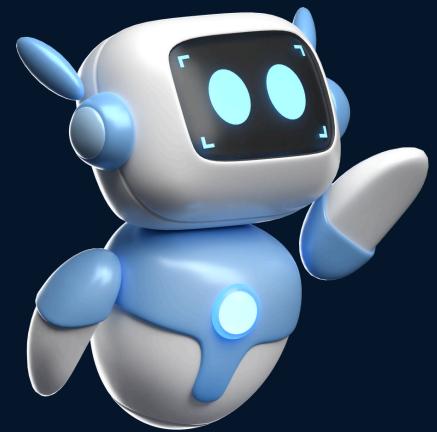
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# New 3D transform utilities

We've finally added APIs for doing 3D transforms, like `rotate-x-*`, `rotate-y-*`, `scale-z-*`, `translate-z-*`, and tons more.



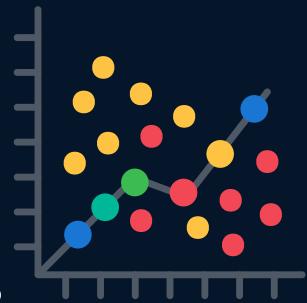
```
<div class="perspective-distant">
  <article class="rotate-x-51 rotate-z-43 transform-3d ...">
    <!-- ... -->
  </article>
</div>
```



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# Linear gradient angles



**Linear gradients now support angles as values, so you can use utilities like bg-linear-45 to create a gradient on a 45 degree angle:**



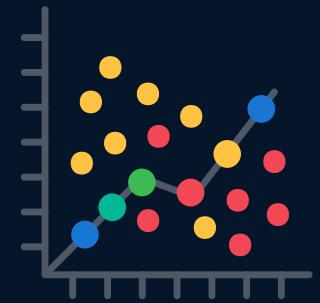
```
<div class="bg-linear-45 from-indigo-500 via-purple-500 to-pink-500"></div>
```



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# Gradient interpolation modifiers



We've added the ability to control the color interpolation mode for gradients using a modifier, so a class like `bg-linear-to-r/srgb` interpolates using sRGB, and `bg-linear-to-r/oklch` interpolates using OKLCH:



```
<div class="bg-linear-to-r/srgb from-indigo-500 to-teal-400">...</div>
<div class="bg-linear-to-r/oklch from-indigo-500 to-teal-400">...</div>
```

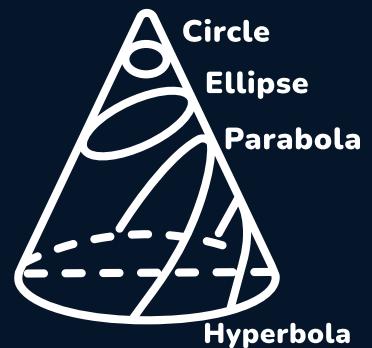


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# Conic and radial gradients

We've added new **bg-conic-\*** and **bg-radial-\*** utilities for creating conic and radial gradients:



```
<div class="size-24 rounded-full bg-conic/[in_hsl_longer_hue] from-red-600 to-red-600"></div>
<div class="size-24 rounded-full bg-radial-[at_25%_25%] from-white to-zinc-900 to-75%"></div>
```



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# Even more new utilities and variants

We've added a ton of other new utilities and variants to v4.0 too, including

New `'inset-shadow-*'` and `'inset-ring-*'` utilities — making it possible to stack up to four layers of borders and shadows on a single element.

New `'field-sizing'` utilities — for auto-resizing textareas without writing a single line of JavaScript.

New `'color-scheme'` utilities — so you can finally get rid of those ugly light scrollbars in dark mode.

New `'font-stretch'` utilities — for carefully tweaking variable fonts that support different widths.

New `'inert'` variant — for styling non-interactive elements marked with the `'inert'` attribute.

New `'nth-*'` variants — for doing really clever things you'll eventually regret.

New `'in-*'` variant — which is a lot like `'group-*'`, but without the need for the `'group'` class.

Support for `'popover-open'` — using the existing `'open'` variant to also target open popovers.

New `descendant variant` — for styling all descendant elements, for better or for worse.



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follow for  
more)



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