

Converting Colors

Hex(50DCFD)

Have a look what the booklet for
Hex(50DCFD) contains.

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Color

Hex(50DCFD)

Conversions

Conversions Part 1

Format	Color
Hex	50DCFD
RGB	80, 220, 253
RGB Percent	31%, 86%, 99%
CMY	0.6863, 0.1373, 0.0078
CMYK	0.68, 0.13, 0.00, 0.01
HSL	191°, 98%, 65%
HSV	191°, 68%, 99%
XYZ	46.6311, 59.9837, 102.0488
YIQ	181.9020, -94.0330, -19.4170

Conversions

Conversions Part 2

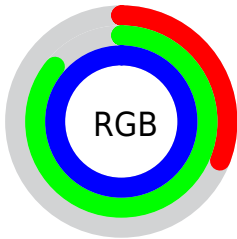
Format	Color
RYB	80, 157, 253
Decimal	5299453
CIELab	81.83, -27.33, -27.05
CIELCh	82, 38.454, 224.711
Yxy	59.9837, 0.2235, 0.2875
Android (android.graphics.Color)	4283489533 (0xFF50DCFD)
YUV	181.9020, 35.0513, -89.3681
Hunter-Lab	77.4492, -28.0636, -23.9075

Details

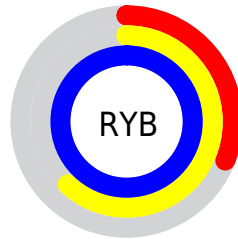
The Hex color **50DCFD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **FD7150**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **94FFFF**, and **00A5C4** is the 20% darker color. If you saturate the color by 10%, you get **37D7FD**, and if you desaturate by 10%, it is **69E1FD**.

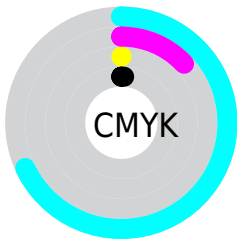
Distribution



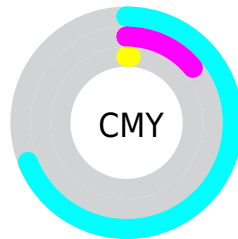
- Red (31%)
- Green (86%)
- Blue (99%)



- Red (31%)
- Yellow (62%)
- Blue (99%)



- Cyan (68%)
- Magenta (13%)
- Yellow (0%)
- Black (1%)



- Cyan (69%)
- Magenta (14%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50DCFD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 50DCFD by changing the saturation by 10% instead.

 50DCFD

 50DCFD

FFFFFF

 20C0E0

 94FFFF

 00A5C4

 B3FFFF

 008AA9

 D3FFFF

 00708E

 F2FFFF

 005875

 00405C

 002A44

 000F2E

 000119

■ 50DCFD

■ 50DCFD

■ 37D7FD

■ 69E1FD

■ 1DD2FD

■ 83E6FD

■ 04CEFD

■ 9CEAFD

■ 00CDFD

■ B5EFFD

■ CEF4FD

■ E8F9FD

■ FFFEFD

■ FFFFFD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56DFDC



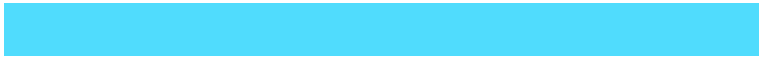
50DCFD



7DD4FF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50DCFD



FFB2DF



D2CF85

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50DCFD



FD7150

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F4C386



50DCFD



FFB0BB

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50DCFD



E6BCFF



FFB79A



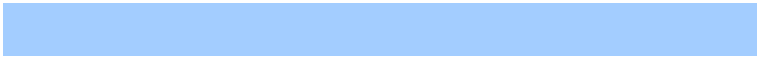
AAD897

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50DCFD



A3CDFF



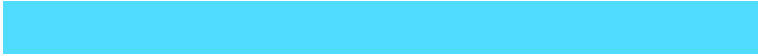
FFB79A



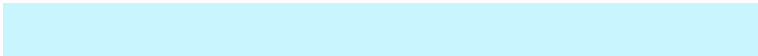
DECB83

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50DCFD



C9F5FF



50FD70



607980



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50DCFD



2ED7FF



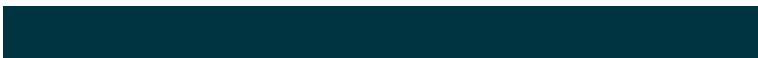
5087FD



737D80



009BBF



003440

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FD50DC



FF2ED7



FDC650



80737D



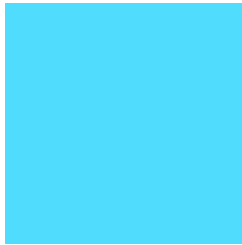
BF009B



400034

Previews

White Background



This preview shows how the Hex color 50DCFD looks on a white background.

Color Contrast Check

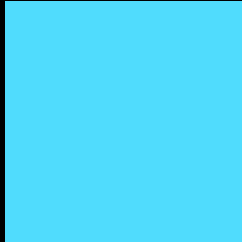
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 50DCFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

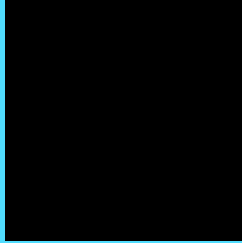
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50DCFD Background



This preview shows how black text looks on a background with the Hex color 50DCFD.

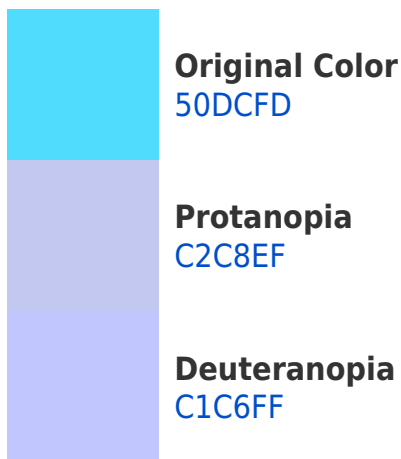


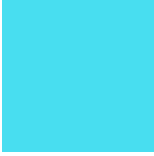
This preview shows how white text looks on a background with the Hex color 50DCFD.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

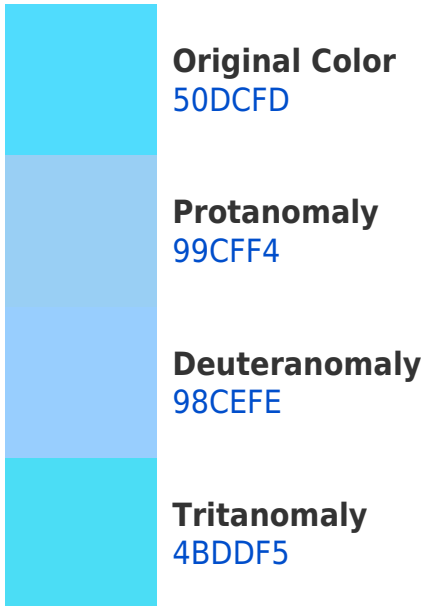
Dichromacy



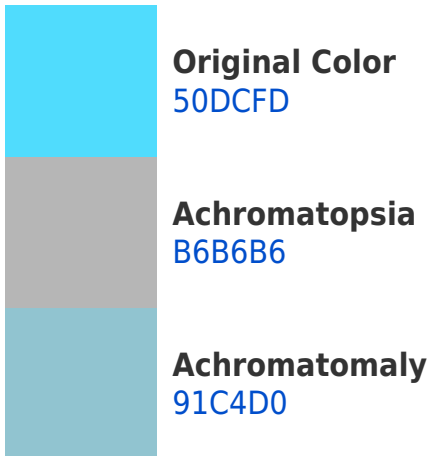


Tritanopia
48DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50DCFD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #50DCFD looks like.

```
.text, #text, p{  
    color:#50DCFD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #50DCFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50DCFD
}
```

Border

The CSS property to change the border of an element to Hex 50DCFD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50DCFD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#50DCFD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #50DCFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50DCFD; -webkit-box-shadow:4px 4px  
4px 4px #50DCFD; box-shadow:4px 4px 4px  
4px #50DCFD }
```

Background

The CSS property to change the background color of an element to Hex 50DCFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50DCFD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#50DCFD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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