

Converting Colors

Hex(50FCF5)

Have a look what the booklet for
Hex(50FCF5) contains.

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Color

Hex(50FCF5)

Conversions

Conversions Part 1

Format	Color
Hex	50FCF5
RGB	80, 252, 245
RGB Percent	31%, 99%, 96%
CMY	0.6863, 0.0118, 0.0392
CMYK	0.68, 0.00, 0.03, 0.01
HSL	178°, 97%, 65%
HSV	178°, 68%, 99%
XYZ	54.6001, 77.9189, 98.5483
YIQ	199.7740, -100.2650, -38.6410

Conversions

Conversions Part 2

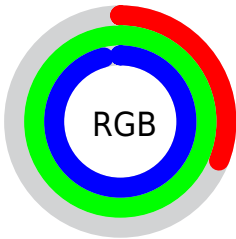
Format	Color
RYB	80, 168, 252
Decimal	5307637
CIELab	90.74, -44.45, -9.42
CIElCh	91, 45.442, 191.966
Yxy	77.9189, 0.2363, 0.3372
Android (android.graphics.Color)	4283497717 (0xFF50FCF5)
YUV	199.7740, 22.2964, -105.0418
Hunter-Lab	88.2717, -44.0649, -4.4024

Details

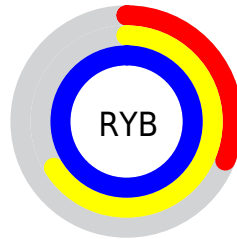
The Hex color **50FCF5** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **FC5057**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **96FFFF**, and **00C3BD** is the 20% darker color. If you saturate the color by 10%, you get **37FCF4**, and if you desaturate by 10%, it is **69FCF6**.

Distribution



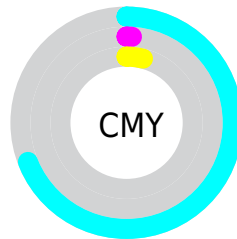
- Red (31%)
- Green (99%)
- Blue (96%)



- Red (31%)
- Yellow (66%)
- Blue (99%)



- Cyan (68%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)



- Cyan (69%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50FCF5 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 50FCF5 by changing the saturation by 10% instead.

 50FCF5

FFFFFF

 96FFFF

 B6FFFF

 D6FFFF

 F6FFFF

 50FCF5

 1BDFD9

 00C3BD

 00A7A2

 008C88

 00726E

 005856

 00403F

 002A29

 000615

 50FCF5

 50FCF5

 37FCF4

 69FCF6

 1EFCF3

 82FCF7

 04FCF2

 9CFCF8

 00FCF2

 B5FCF9

 CEFCFA

 E7FCFB

 FFFCFC

 FFFCFD

 FFFCFE

Harmonies

Analogous

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



8AFAC8



50FCF5



3AF9FF

Triad

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



50FCF5



FFD3FF



FFD992

Complementary

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



50FCF5



FC5057

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.



FFCBAC



50FCF5



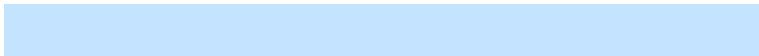
FFC6FF

Square

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



50FCF5



C3E3FF



FFC3D4



F0E78E

Rectangle

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



50FCF5



61F4FF



FFC3D4



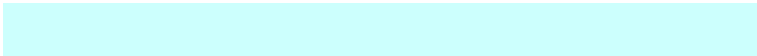
FFD499

Sweetspot

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



50FCF5



CCFFFD



59FC50



61807E



000000



808080

Same Dimension

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



50FCF5



2EFFF6



50AFFC



707D7C



00BDB5



003D3B

Inverse Universe

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



FC5057



FF2E36



FC9D50



7D7071



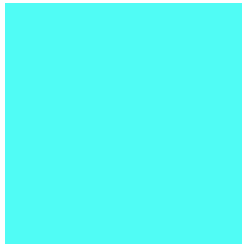
BD0008



3D0002

Previews

White Background



This preview shows how the Hex color 50FCF5 looks on a white background.

Color Contrast Check

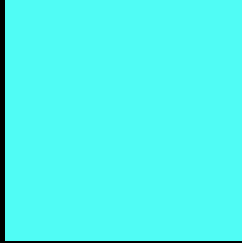
Large Text (above 18pt) WCAG AA × Fail

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 50FCF5 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 50FCF5 Background



This preview shows how black text looks on a background with the Hex color 50FCF5.

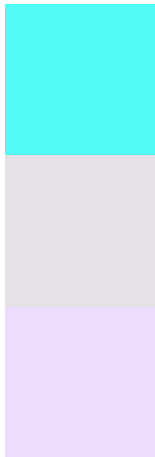


This preview shows how white text looks on a background with the Hex color 50FCF5.

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](#).

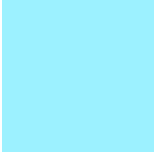
Dichromacy



Original Color
50FCF5

Protanopia
E6E1E5

Deuteranopia
EDDCFC



Tritanopia
9CF1FF

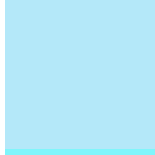
Trichromacy



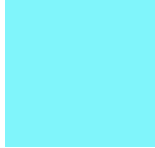
Original Color
50FCF5



Protanomaly
AFE8EB



Deuteranomaly
B4E8F9

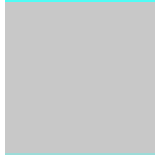


Tritanomaly
80F5FB

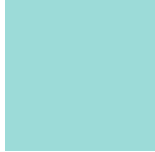
Monochromacy



Original Color
50FCF5



Achromatopsia
C8C8C8



Achromatomaly
9CDBD8

CSS Examples

Text

The CSS property to change the color of the text to Hex 50FCF5 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 #50FCF5 looks like.

```
.text, #text, p{  
    color:#50FCF5  
}
```

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 #50FCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FCF5
}
```

Border

The CSS property to change the border of an element to Hex 50FCF5 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
#50FCF5 }
```

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

```
.border{ border-color:#50FCF5 }
```

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

Here you see how a box with a 4 pixel #50FCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FCF5; -webkit-box-shadow:4px 4px  
4px 4px #50FCF5; box-shadow:4px 4px 4px  
4px #50FCF5 }
```

Background

The CSS property to change the background color of an element to Hex 50FCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FCF5 }
```

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

```
.background{ background-color:#50FCF5 }
```

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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