

Converting Colors

Hex(57F0F0)

Have a look what the booklet for
Hex(57F0F0) contains.

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Color

Hex(57F0F0)

Conversions

Conversions Part 1

Format	Color
Hex	57F0F0
RGB	87, 240, 240
RGB Percent	34%, 94%, 94%
CMY	0.6588, 0.0588, 0.0588
CMYK	0.64, 0.00, 0.00, 0.06
HSL	180°, 84%, 64%
HSV	180°, 64%, 94%
XYZ	50.8187, 70.6377, 93.3941
YIQ	194.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

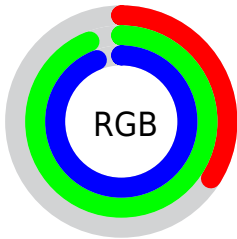
Format	Color
R _Y B	87, 164, 240
Decimal	5763312
CIE Lab	87.31, -39.48, -11.91
CIE LCh	87, 41.235, 196.787
Yxy	70.6377, 0.2365, 0.3288
Android (android.graphics.Color)	4283953392 (0xFF57F0F0)
YUV	194.2530, 22.5533, -94.0609
Hunter-Lab	84.0462, -39.1505, -7.0520

Details

The Hex color **57F0F0** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **F05757**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **99FFFF**, and **00B7B8** is the 20% darker color. If you saturate the color by 10%, you get **3FF0F0**, and if you desaturate by 10%, it is **6FF0F0**.

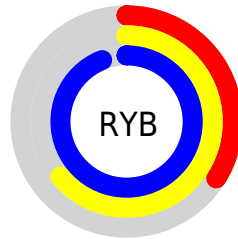
Distribution



Red (34%)

Green (94%)

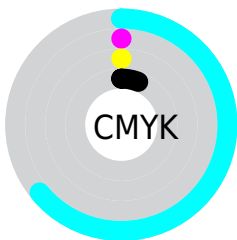
Blue (94%)



Red (34%)

Yellow (64%)

Blue (94%)

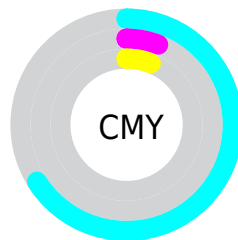


Cyan (64%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57F0F0 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 57F0F0 by changing the saturation by 10% instead.

 57F0F0

 57F0F0

FFFFFF

 2DD3D4

 99FFFF

 00B7B8

 B9FFFF

 009C9D

 D8FFFF

 008183

 F7FFFF

 00686A

 004F52

 00373B

 002225

 000110

 57F0F0

 57F0F0

 3FF0F0

 6FF0F0

 27F0F0

 87F0F0

 0FF0F0

 9FF0F0

 00F0F0

 B7F0F0

 CFF0F0

 E7F0F0

 FFF0F0

Harmonies

Analogous

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



83EFC8



57F0F0



54ECFF

Triad

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



57F0F0



FBC9FF



FFD28F

Complementary

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



57F0F0



F05757

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.



FFC5A3



57F0F0



FFBFEE

Square

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



57F0F0



C7D7FF



FFBDC6



DFDF8F

Rectangle

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



57F0F0



74E7FF



FFBDC6



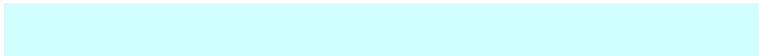
FFCE94

Sweetspot

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



57F0F0



CFFFFFF



57F057



628080



000000



808080

Same Dimension

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



57F0F0



3BFFFF



57A3F0



6C7878



00B8B8



003838

Inverse Universe

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



F057F0



FF3BFF



F0A357



786C78



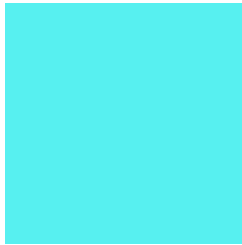
B800B8



380038

Previews

White Background



This preview shows how the Hex color 57F0F0 looks on a white background.

Color Contrast Check

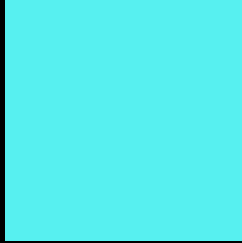
Large Text (above 18pt) WCAG AA × Fail

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 57F0F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

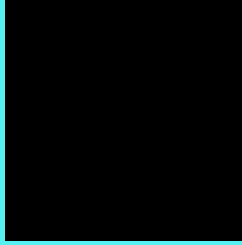
Any Text WCAG AA ✓ Pass

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 57F0F0 Background



This preview shows how black text looks on a background with the Hex color 57F0F0.

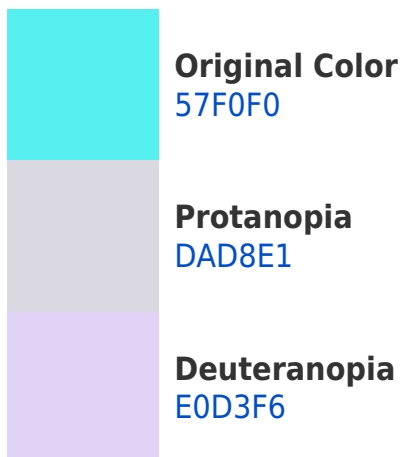


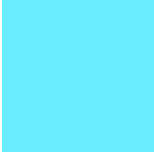
This preview shows how white text looks on a background with the Hex color 57F0F0.

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
69EDFF

Trichromacy



Original Color
57F0F0



Protanomaly
AAE1E6



Deuteranomaly
AEDEF4

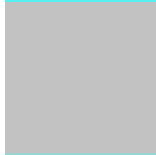


Tritanomaly
62EEFA

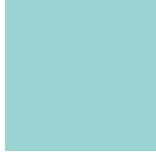
Monochromacy



Original Color
57F0F0



Achromatopsia
C2C2C2



Achromatomaly
9BD3D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 57F0F0 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 #57F0F0 looks like.

```
.text, #text, p{  
    color:#57F0F0  
}
```

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 #57F0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57F0F0
}
```

Border

The CSS property to change the border of an element to Hex 57F0F0 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
#57F0F0 }
```

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

```
.border{ border-color:#57F0F0 }
```

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

Here you see how a box with a 4 pixel #57F0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57F0F0; -webkit-box-shadow:4px 4px  
4px 4px #57F0F0; box-shadow:4px 4px 4px  
4px #57F0F0 }
```

Background

The CSS property to change the background color of an element to Hex 57F0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57F0F0 }
```

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

```
.background{ background-color:#57F0F0 }
```

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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