

Converting Colors

Hex(5AF0F0)

Have a look what the booklet for
Hex(5AF0F0) contains.

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Color

Hex(5AF0F0)

Conversions

Conversions Part 1

Format	Color
Hex	5AF0F0
RGB	90, 240, 240
RGB Percent	35%, 94%, 94%
CMY	0.6471, 0.0588, 0.0588
CMYK	0.62, 0.00, 0.00, 0.06
HSL	180°, 83%, 65%
HSV	180°, 62%, 94%
XYZ	51.1047, 70.7851, 93.4075
YIQ	195.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

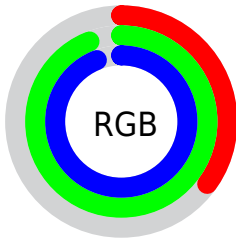
Format	Color
RYB	90, 165, 240
Decimal	5959920
CIELab	87.38, -39.03, -11.79
CIElCh	87, 40.771, 196.815
Yxy	70.7851, 0.2374, 0.3288
Android (android.graphics.Color)	4284150000 (0xFF5AF0F0)
YUV	195.1500, 22.1111, -92.2165
Hunter-Lab	84.1339, -38.8096, -6.9315

Details

The Hex color **5AF0F0** 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 **F05A5A**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **9CFFFF**, and **00B7B8** is the 20% darker color. If you saturate the color by 10%, you get **42F0F0**, and if you desaturate by 10%, it is **72F0F0**.

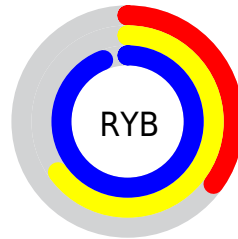
Distribution



Red (35%)

Green (94%)

Blue (94%)



Red (35%)

Yellow (65%)

Blue (94%)

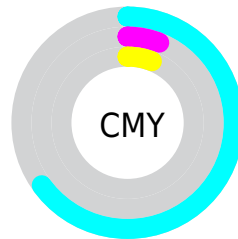


Cyan (62%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AF0F0 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 5AF0F0 by changing the saturation by 10% instead.

 5AF0F0

 5AF0F0

FFFFFF

 31D3D4

 9CFFFF

 00B7B8

 BBFFFF

 009C9D

 DAFFFF

 008283

 F9FFFF

 00686A

 004F52

 00373B

 002225

 000110

 5AF0F0

 5AF0F0

 42F0F0

 72F0F0

 2AF0F0

 8AF0F0

 12F0F0

 A2F0F0

 00F0F0

 BAF0F0

 D2F0F0

 EAF0F0

 FFF0F0

Harmonies

Analogous

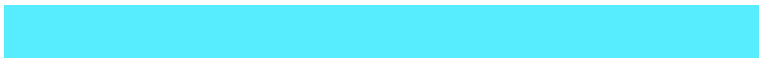
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84EFC8



5AF0F0



58ECFF

Triad

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



5AF0F0



FBC9FF



FFD390

Complementary

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



5AF0F0



F05A5A

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.



FFC6A4



5AF0F0



FFBFEE

Square

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



5AF0F0



C7D7FF



FFBEC6



DFDF90

Rectangle

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



5AF0F0



77E7FF



FFBEC6



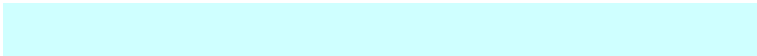
FFCE95

Sweetspot

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



5AF0F0



CFFFFFF



5AF05A



628080



000000



808080

Same Dimension

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



5AF0F0



40FFFF



5AA5F0



6C7878



00B8B8



003838

Inverse Universe

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



F05AF0



FF40FF



F0A55A



786C78



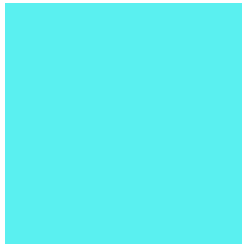
B800B8



380038

Previews

White Background



This preview shows how the Hex color 5AF0F0 looks on a white background.

Color Contrast Check

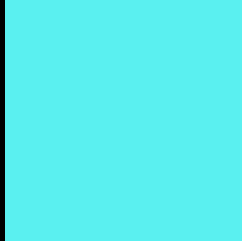
Large Text (above 18pt) WCAG AA × Fail

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 5AF0F0 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 5AF0F0 Background



This preview shows how black text looks on a background with the Hex color 5AF0F0.

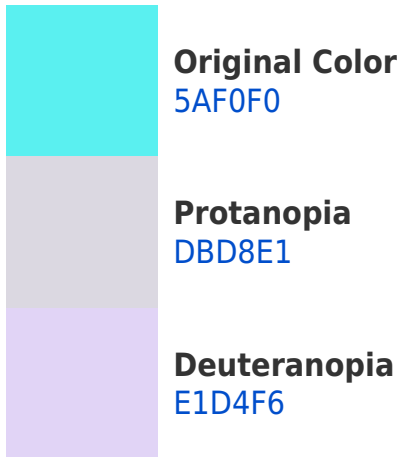


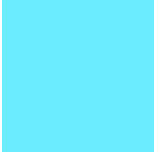
This preview shows how white text looks on a background with the Hex color 5AF0F0.

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
6BEDFF

Trichromacy



Original Color
5AF0F0



Protanomaly
ACE1E6



Deuteranomaly
B0DEF4

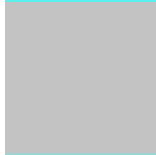


Tritanomaly
65EEFA

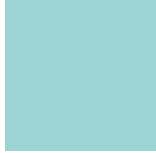
Monochromacy



Original Color
5AF0F0



Achromatopsia
C3C3C3



Achromatomaly
9DD3D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AF0F0 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 #5AF0F0 looks like.

```
.text, #text, p{  
    color:#5AF0F0  
}
```

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 #5AF0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF0F0
}
```

Border

The CSS property to change the border of an element to Hex 5AF0F0 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
#5AF0F0 }
```

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

```
.border{ border-color:#5AF0F0 }
```

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

Here you see how a box with a 4 pixel #5AF0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF0F0; -webkit-box-shadow:4px 4px  
4px 4px #5AF0F0; box-shadow:4px 4px 4px  
4px #5AF0F0 }
```

Background

The CSS property to change the background color of an element to Hex 5AF0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF0F0 }
```

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

```
.background{ background-color:#5AF0F0 }
```

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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