

Converting Colors

Hex(5AA0F0)

Have a look what the booklet for
Hex(5AA0F0) contains.

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Color

Hex(5AA0F0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5AA0F0 |
| RGB | 90, 160, 240 |
| RGB Percent | 35%, 63%, 94% |
| CMY | 0.6471, 0.3725, 0.0588 |
| CMYK | 0.62, 0.33, 0.00, 0.06 |
| HSL | 212°, 83%, 65% |
| HSV | 212°, 62%, 94% |
| XYZ | 32.5154, 33.6065, 87.2110 |
| YIQ | 148.1900, -67.4000, 10.0400 |

Conversions

Conversions Part 2

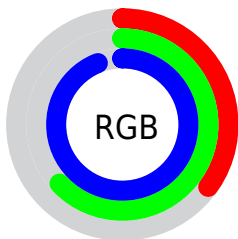
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 90, 138, 240 |
| Decimal | 5939440 |
| CIE Lab | 64.65, 2.07, -46.69 |
| CIE LCh | 65, 46.734, 272.536 |
| Yxy | 33.6065, 0.2121, 0.2192 |
| Android (android.graphics.Color) | 4284129520 (0xFF5AA0F0) |
| YUV | 148.1900, 45.2623, -51.0326 |
| Hunter-Lab | 57.9711, -1.3307, -48.6153 |

Details

The Hex color **5AA0F0** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F0AA5A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **98D6FF**, and **006DB7** is the 20% darker color. If you saturate the color by 10%, you get **4293F0**, and if you desaturate by 10%, it is **72ADF0**.

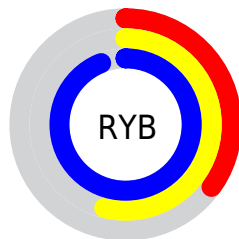
Distribution



Red (35%)

Green (63%)

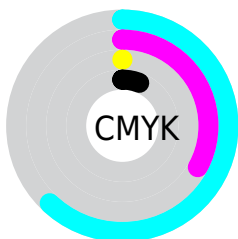
Blue (94%)



Red (35%)

Yellow (54%)

Blue (94%)

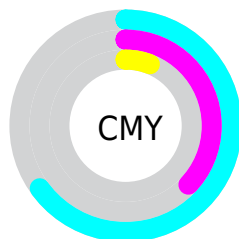


Cyan (62%)

Magenta (33%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (37%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AA0F0 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 5AA0F0 by changing the saturation by 10% instead.

 5AA0F0

 5AA0F0

FFFFFF

 3786D3

 98D6FF

 006DB7

 B6F3FF

 00559C

 D4FFFF


 003E82

 F2FFFF

 002968

 001550

 000538

 000222

 000007

■ 5AA0F0

■ 5AA0F0

■ 4293F0

■ 72ADF0

■ 2A86F0

■ 8ABAF0

■ 127AF0

■ A2C6F0

■ 0070F0

■ BAD3F0

■ D2E0F0

■ EAEDF0

■ FFFAF0

■ FFFFF0

Harmonies

Analogous

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



00ABE6



5AA0F0



A590E3

Triad

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



5AA0F0



E97F72



50AF75

Complementary

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



5AA0F0



F0AA5A

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.



87A754



5AA0F0



D48D53

Square

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



5AA0F0



EA7A9B



B29C47



00B29F

Rectangle

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



5AA0F0



C686D0



B29C47



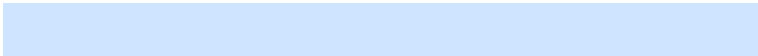
65AD68

Sweetspot

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



5AA0F0



CFE5FF



5AF0AA



627080



000000



808080

Same Dimension

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



5AA0F0



4099FF



5F5AF0



6C7178



0056B8



001A38

Inverse Universe

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



F05AA0



FF4099



EBF05A



786C71



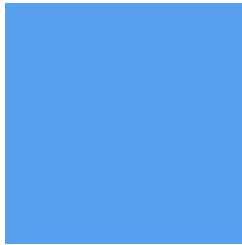
B80056



38001A

Previews

White Background



This preview shows how the Hex color 5AA0F0 looks on a white background.

Color Contrast Check

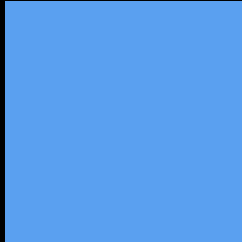
Large Text (above 18pt) WCAG AA × Fail

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 5AA0F0 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

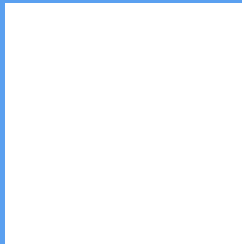
Any Text WCAG AAA ✓ Pass

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

Hex 5AA0F0 Background



This preview shows how black text looks on a background with the Hex color 5AA0F0.

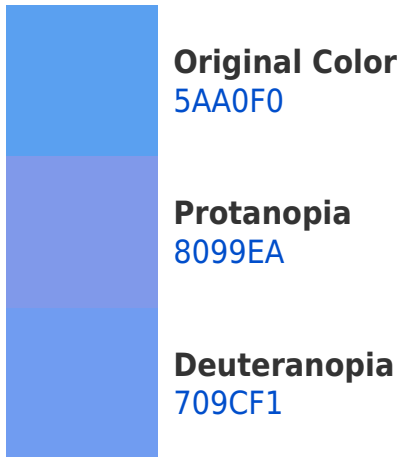


This preview shows how white text looks on a background with the Hex color 5AA0F0.

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](#).

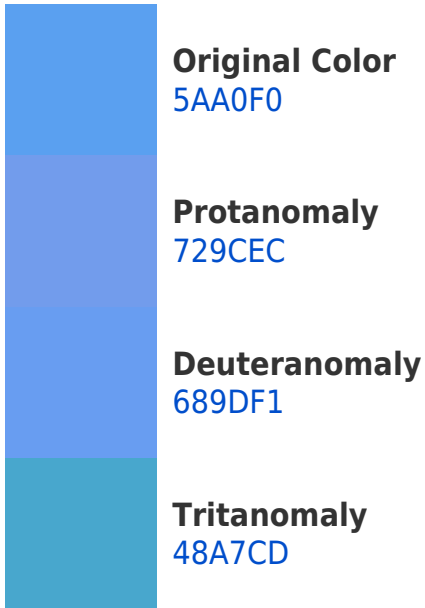
Dichromacy





Tritanopia
3EABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5AA0F0 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 #5AA0F0 looks like.

```
.text, #text, p{  
    color:#5AA0F0  
}
```

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 #5AA0F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AA0F0
}
```

Border

The CSS property to change the border of an element to Hex 5AA0F0 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
#5AA0F0 }
```

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

```
.border{ border-color:#5AA0F0 }
```

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

Here you see how a box with a 4 pixel #5AA0F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AA0F0; -webkit-box-shadow:4px 4px  
4px 4px #5AA0F0; box-shadow:4px 4px 4px  
4px #5AA0F0 }
```

Background

The CSS property to change the background color of an element to Hex 5AA0F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AA0F0 }
```

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

```
.background{ background-color:#5AA0F0 }
```

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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