

Converting Colors

Hex(5F95F0)

Have a look what the booklet for
Hex(5F95F0) contains.

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Color

Hex(5F95F0)

Conversions

Conversions Part 1

Format	Color
Hex	5F95F0
RGB	95, 149, 240
RGB Percent	37%, 58%, 94%
CMY	0.6275, 0.4157, 0.0588
CMYK	0.60, 0.38, 0.00, 0.06
HSL	218°, 83%, 66%
HSV	218°, 60%, 94%
XYZ	31.1949, 30.2191, 86.6268
YIQ	143.2280, -61.3950, 16.8530

Conversions

Conversions Part 2

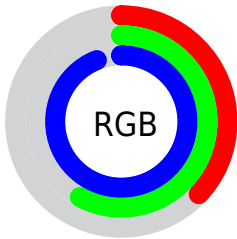
Format	Color
R _Y B	95, 134, 240
Decimal	6264304
CIE Lab	61.84, 9.36, -51.11
CIE LCh	62, 51.961, 280.383
Yxy	30.2191, 0.2107, 0.2041
Android (android.graphics.Color)	4284454384 (0xFF5F95F0)
YUV	143.2280, 47.7086, -42.2960
Hunter-Lab	54.9719, 5.0928, -54.9512

Details

The Hex color **5F95F0** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F0BA5F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9CCBFF**, and **0A63B7** is the 20% darker color. If you saturate the color by 10%, you get **4786F0**, and if you desaturate by 10%, it is **77A4F0**.

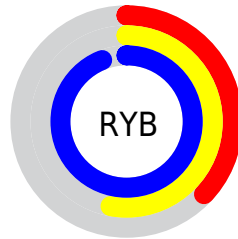
Distribution



Red (37%)

Green (58%)

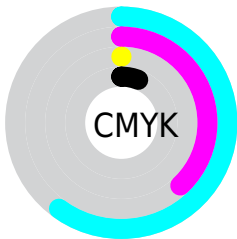
Blue (94%)



Red (37%)

Yellow (53%)

Blue (94%)

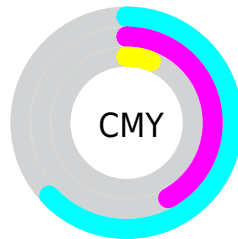


Cyan (60%)

Magenta (38%)

Yellow (0%)

Black (6%)



Cyan (63%)

Magenta (42%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F95F0 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 5F95F0 by changing the saturation by 10% instead.

 5F95F0

 5F95F0

FFFFFF

 3E7BD3

 9CCBFF

 0A63B7

 BAE7FF

 004B9C

 D8FFFF

 003582

 F6FFFF

 002168

 00094F

 000537

 000221

 000006

■ 5F95F0

■ 5F95F0

■ 4786F0

■ 77A4F0

■ 2F77F0

■ 8FB3F0

■ 1768F0

■ A7C2F0

■ 0059F0

■ BFD1F0

■ D7E0F0

■ EFEFF0

■ FFFEFO

■ FFFFF0

Harmonies

Analogous

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



00A3EC



5F95F0



AD83DC

Triad

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



5F95F0



E3775C



15AA75

Complementary

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



5F95F0



F0BA5F

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.



6EA44C



5F95F0



C8883D

Square

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



5F95F0



EB6D87



A09835



00ACA5

Rectangle

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



5F95F0



CE77C4



A09835



40A866

Sweetspot

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



5F95F0



D1E2FF



5FF0B8



636E80



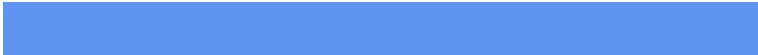
000000



808080

Same Dimension

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



5F95F0



458AFF



705FF0



6C7078



0044B8



001538

Inverse Universe

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



F05F95



FF458A



DFF05F



786C70



B80044



380015

Previews

White Background



This preview shows how the Hex color 5F95F0 looks on a white background.

Color Contrast Check

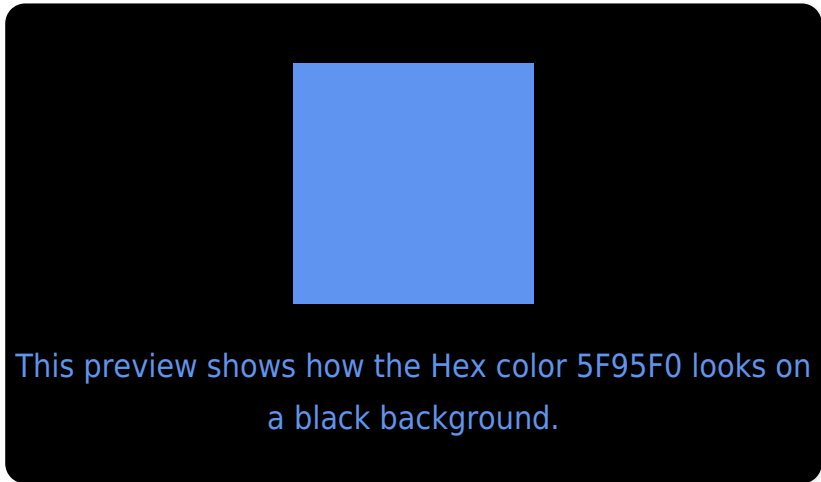
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

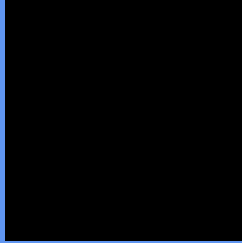
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

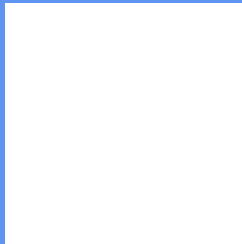
Any Text WCAG AAA ✓ Pass

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

Hex 5F95F0 Background



This preview shows how black text looks on a background with the Hex color 5F95F0.



This preview shows how white text looks on a background with the Hex color 5F95F0.

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](#).

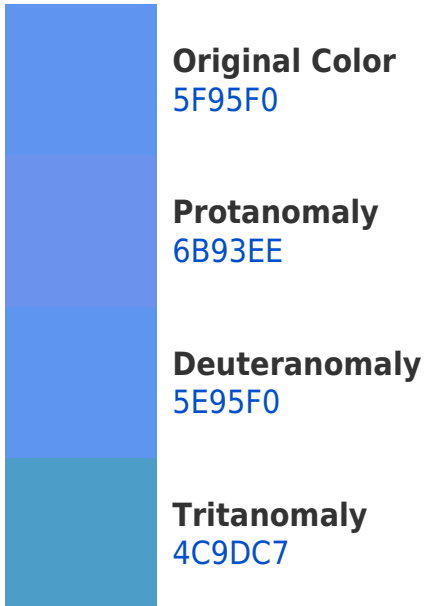
Dichromacy



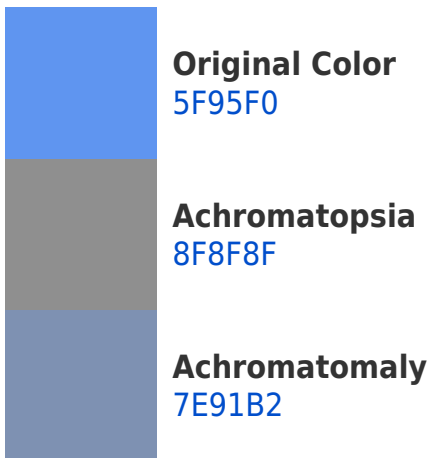


Tritanopia
41A2B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F95F0 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 #5F95F0 looks like.

```
.text, #text, p{  
    color:#5F95F0  
}
```

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 #5F95F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F95F0
}
```

Border

The CSS property to change the border of an element to Hex 5F95F0 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
#5F95F0 }
```

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

```
.border{ border-color:#5F95F0 }
```

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

Here you see how a box with a 4 pixel #5F95F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F95F0; -webkit-box-shadow:4px 4px  
4px 4px #5F95F0; box-shadow:4px 4px 4px  
4px #5F95F0 }
```

Background

The CSS property to change the background color of an element to Hex 5F95F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F95F0 }
```

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

```
.background{ background-color:#5F95F0 }
```

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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