

Converting Colors

Hex(5C75F4)

Have a look what the booklet for
Hex(5C75F4) contains.

Hex(5C75F4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C75F4)

Conversions

Conversions Part 1

Format	Color
Hex	5C75F4
RGB	92, 117, 244
RGB Percent	36%, 46%, 96%
CMY	0.6392, 0.5412, 0.0431
CMYK	0.62, 0.52, 0.00, 0.04
HSL	230°, 87%, 66%
HSV	230°, 62%, 96%
XYZ	27.1041, 21.5295, 88.3150
YIQ	124.0030, -55.6670, 34.1970

Conversions

Conversions Part 2

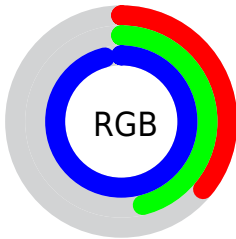
Format	Color
R _Y B	92, 113, 244
Decimal	6059508
CIE Lab	53.52, 29.43, -66.65
CIE LCh	54, 72.858, 293.826
Yxy	21.5295, 0.1979, 0.1572
Android (android.graphics.Color)	4284249588 (0xFF5C75F4)
YUV	124.0030, 59.1585, -28.0666
Hunter-Lab	46.3999, 23.0691, -80.3693

Details

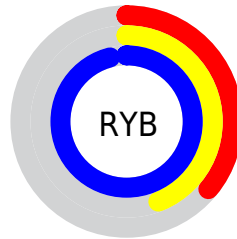
The Hex color **5C75F4** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **F4DB5C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BA9FF**, and **0045BB** is the 20% darker color. If you saturate the color by 10%, you get **4461F4**, and if you desaturate by 10%, it is **7489F4**.

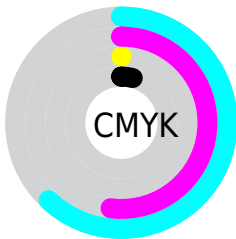
Distribution



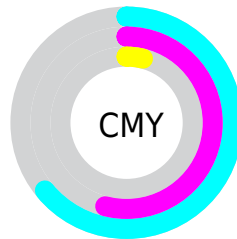
- Red (36%)
- Green (46%)
- Blue (96%)



- Red (36%)
- Yellow (44%)
- Blue (96%)



- Cyan (62%)
- Magenta (52%)
- Yellow (0%)
- Black (4%)



- Cyan (64%)
- Magenta (54%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C75F4 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 5C75F4 by changing the saturation by 10% instead.

■ 5C75F4

■ 5C75F4

FFFFFF

■ 385DD7

■ 9BA9FF

■ 0045BB

■ B9C4FF

■ 00309F

■ D7E0FF

■ 001C84

■ F6FCFF

■ 00076A

■ 000951

■ 000539

■ 000223

■ 000009

■ 5C75F4

■ 5C75F4

■ 4461F4

■ 7489F4

■ 2B4CF4

■ 8D9EF4

■ 1338F4

■ A5B2F4

■ 0028F4

■ BEC7F4

■ D6DBF4

■ EEEFF4

■ FFFFF4

Harmonies

Analogous

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



008CFE



5C75F4



BD54CB

Triad

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



5C75F4



D25D12



009A70

Complementary

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



5C75F4



F4DB5C

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.



00962E



5C75F4



A57900

Square

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



5C75F4



EB3C51



6A8B00



009BB1

Rectangle

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



5C75F4



DD3DA4



6A8B00



00995A

Sweetspot

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



5C75F4



CFD7FF



5CF4DB



626780



000000



808080

Same Dimension

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



5C75F4



405FFF



8F5CF4



6E707A



001FBA



000A3B

Inverse Universe

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



F45C75



FF405F



C1F45C



7A6E70



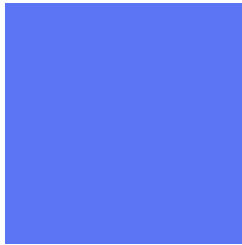
BA001F



3B000A

Previews

White Background



This preview shows how the Hex color 5C75F4 looks on a white background.

Color Contrast Check

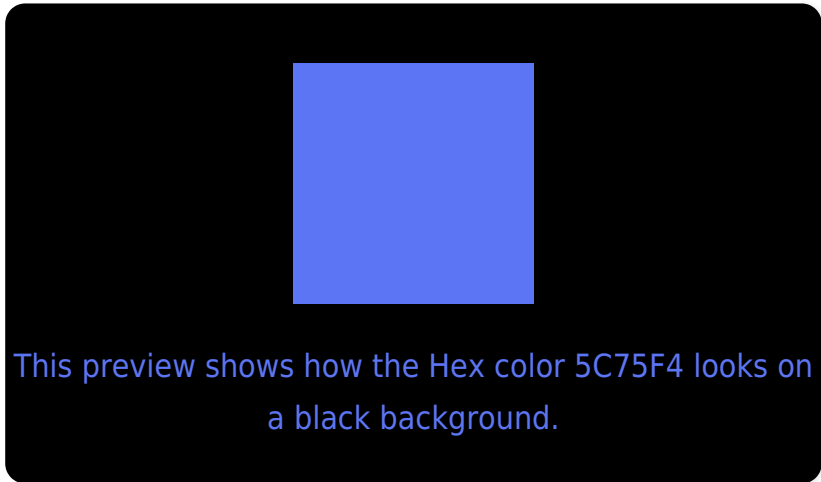
Large Text (above 18pt) WCAG AA ✓ Pass

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

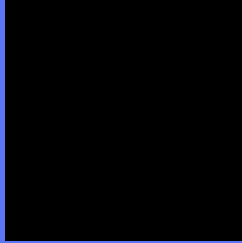
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5C75F4 Background



This preview shows how black text looks on a background with the Hex color 5C75F4.

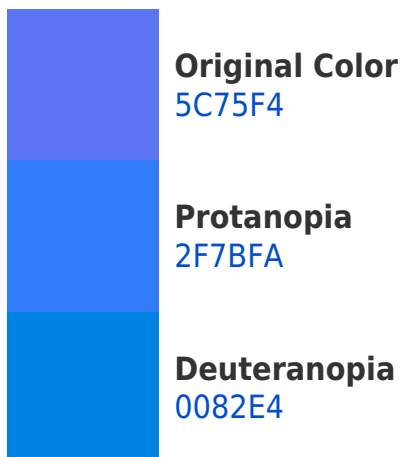


This preview shows how white text looks on a background with the Hex color 5C75F4.

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](#).

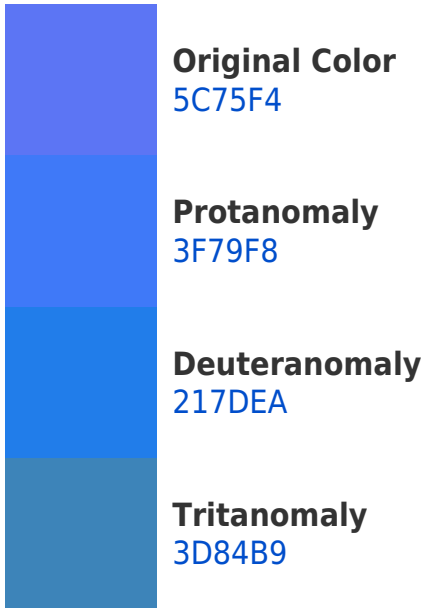
Dichromacy



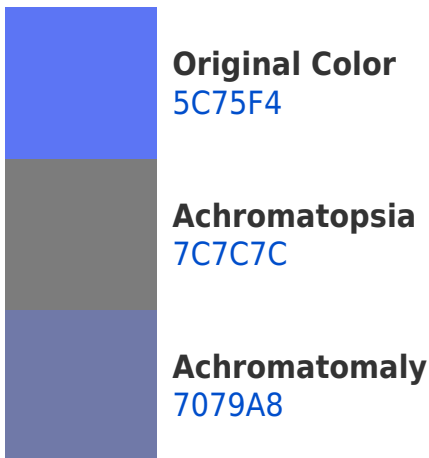


Tritanopia
2B8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C75F4 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 #5C75F4 looks like.

```
.text, #text, p{  
    color:#5C75F4  
}
```

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 #5C75F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C75F4
}
```

Border

The CSS property to change the border of an element to Hex 5C75F4 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
#5C75F4 }
```

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

```
.border{ border-color:#5C75F4 }
```

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

Here you see how a box with a 4 pixel #5C75F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C75F4; -webkit-box-shadow:4px 4px  
4px 4px #5C75F4; box-shadow:4px 4px 4px  
4px #5C75F4 }
```

Background

The CSS property to change the background color of an element to Hex 5C75F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C75F4 }
```

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

```
.background{ background-color:#5C75F4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor