

Converting Colors

Hex(5C74EE)

Have a look what the booklet for
Hex(5C74EE) contains.

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Color

Hex(5C74EE)

Conversions

Conversions Part 1

Format	Color
Hex	5C74EE
RGB	92, 116, 238
RGB Percent	36%, 45%, 93%
CMY	0.6392, 0.5451, 0.0667
CMYK	0.61, 0.51, 0.00, 0.07
HSL	230°, 81%, 65%
HSV	230°, 61%, 93%
XYZ	26.0916, 20.9391, 83.5554
YIQ	122.7320, -53.4660, 32.8540

Conversions

Conversions Part 2

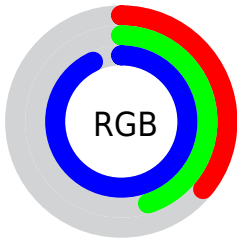
Format	Color
RYB	92, 113, 238
Decimal	6059246
CIELab	52.88, 28.05, -64.34
CIElCh	53, 70.189, 293.553
Yxy	20.9391, 0.1998, 0.1603
Android (android.graphics.Color)	4284249326 (0xFF5C74EE)
YUV	122.7320, 56.8271, -26.9520
Hunter-Lab	45.7593, 21.7007, -76.2306

Details

The Hex color **5C74EE** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **EED65C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9AA8FF**, and **0044B5** is the 20% darker color. If you saturate the color by 10%, you get **4460EE**, and if you desaturate by 10%, it is **7488EE**.

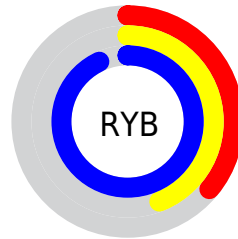
Distribution



Red (36%)

Green (45%)

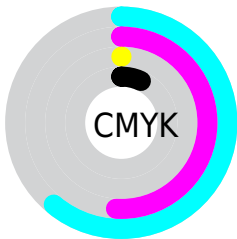
Blue (93%)



Red (36%)

Yellow (44%)

Blue (93%)

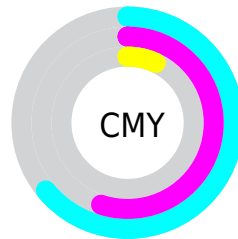


Cyan (61%)

Magenta (51%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (55%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C74EE 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 5C74EE by changing the saturation by 10% instead.

■ 5C74EE

■ 5C74EE

FFFFFF

■ 395CD1

■ 9AA8FF

■ 0044B5

■ B8C3FF

■ 002F9A

■ D6DFFF

■ 001B7F

■ F5FBFF

■ 000565

■ 00094C

■ 000535

■ 00021E

■ 000001

■ 5C74EE

■ 5C74EE

■ 4460EE

■ 7488EE

■ 2C4CEE

■ 8C9CEE

■ 1538EE

■ A3B0EE

■ 0027EE

■ BBC4EE

■ D3D7EE

■ EBEBEE

■ FFFFEE

Harmonies

Analogous

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



008AF7



5C74EE



B955C7

Triad

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



5C74EE



CE5C17



00986F

Complementary

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



5C74EE



EED65C

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.



009330



5C74EE



A37700

Square

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



5C74EE



E63F52



6B8900



0099AD

Rectangle

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



5C74EE



D840A2



6B8900



00975A

Sweetspot

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



5C74EE



D1D9FF



5CEED6



636880



000000



808080

Same Dimension

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



5C74EE



4261FF



8D5CEE



6C6E78



001EB8



000938

Inverse Universe

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



EE5C74



FF4261



BDEE5C



786C6E



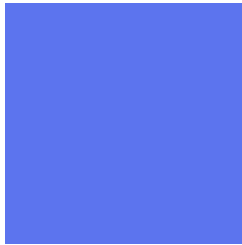
B8001E



380009

Previews

White Background



This preview shows how the Hex color 5C74EE looks on a white background.

Color Contrast Check

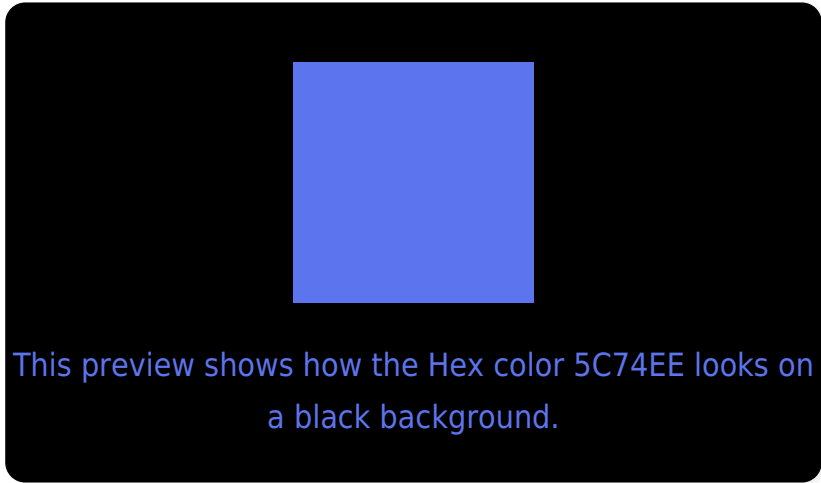
Large Text (above 18pt) WCAG AA ✓ Pass

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

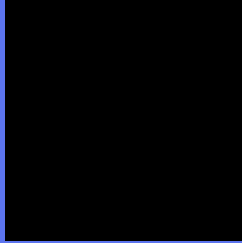
Any Text WCAG AA ✓ Pass

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 5C74EE Background



This preview shows how black text looks on a background with the Hex color 5C74EE.



This preview shows how white text looks on a background with the Hex color 5C74EE.

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](#).

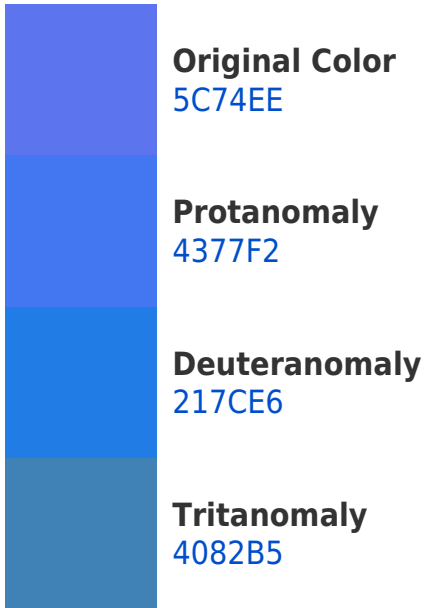
Dichromacy



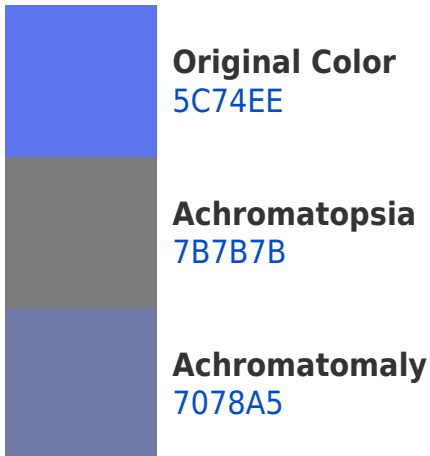


Tritanopia
308A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C74EE 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 #5C74EE looks like.

```
.text, #text, p{  
    color:#5C74EE  
}
```

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 #5C74EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C74EE  
}
```

Border

The CSS property to change the border of an element to Hex 5C74EE 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  
#5C74EE }
```

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

```
.border{ border-color:#5C74EE }
```

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

Here you see how a box with a 4 pixel #5C74EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C74EE; -webkit-box-shadow:4px 4px  
4px 4px #5C74EE; box-shadow:4px 4px 4px  
4px #5C74EE }
```

Background

The CSS property to change the background color of an element to Hex 5C74EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C74EE }
```

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

```
.background{ background-color:#5C74EE }
```

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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