

Converting Colors

Hex(5A75EF)

Have a look what the booklet for
Hex(5A75EF) contains.

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Color

Hex(5A75EF)

Conversions

Conversions Part 1

Format	Color
Hex	5A75EF
RGB	90, 117, 239
RGB Percent	35%, 46%, 94%
CMY	0.6471, 0.5412, 0.0627
CMYK	0.62, 0.51, 0.00, 0.06
HSL	229°, 82%, 65%
HSV	229°, 62%, 94%
XYZ	26.1577, 21.1282, 84.3608
YIQ	122.8350, -55.2540, 32.2180

Conversions

Conversions Part 2

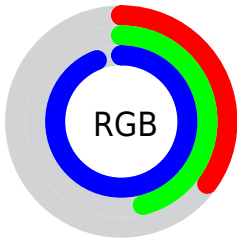
Format	Color
R _Y B	90, 113, 239
Decimal	5928431
CIE Lab	53.09, 27.43, -64.57
CIE LCh	53, 70.157, 293.016
Yxy	21.1282, 0.1987, 0.1605
Android (android.graphics.Color)	4284118511 (0xFF5A75EF)
YUV	122.8350, 57.2693, -28.7963
Hunter-Lab	45.9655, 21.1401, -76.6397

Details

The Hex color **5A75EF** 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 **EFD45A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **98A9FF**, and **0045B6** is the 20% darker color. If you saturate the color by 10%, you get **4261EF**, and if you desaturate by 10%, it is **7289EF**.

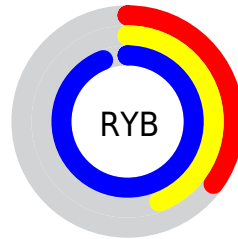
Distribution



Red (35%)

Green (46%)

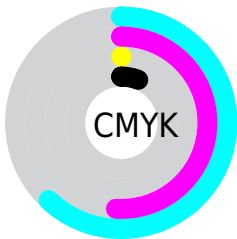
Blue (94%)



Red (35%)

Yellow (44%)

Blue (94%)

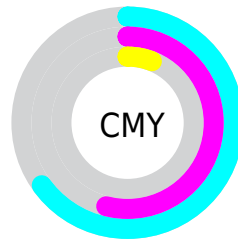


Cyan (62%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (54%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A75EF 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 5A75EF by changing the saturation by 10% instead.

■ 5A75EF

■ 5A75EF

FFFFFF

■ 365DD2

■ 98A9FF

■ 0045B6

■ B6C4FF

■ 00309B

■ D5E0FF

■ 001C80

■ F3FCFF

■ 000666

■ 000A4D

■ 000535

■ 00021F

■ 000002

■ 5A75EF

■ 5A75EF

■ 4261EF

■ 7289EF

■ 2A4EEF

■ 8A9CEF

■ 123AEF

■ A2B0EF

■ 002BEF

■ BAC3EF

■ D2D7EF

■ E9EAEF

■ FFFEEF

■ FFFFEF

Harmonies

Analogous

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



008AF8



5A75EF



B856C8

Triad

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



5A75EF



CF5C19



00996E

Complementary

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



5A75EF



EFD45A

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.



00942F



5A75EF



A57700

Square

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



5A75EF



E73F54



6C8900



0099AC

Rectangle

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



5A75EF



D842A4



6C8900



009759

Sweetspot

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



5A75EF



CFD7FF



5AEFD4



626780



000000



808080

Same Dimension

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



5A75EF



4062FF



895AEF



6C6E78



0021B8



000A38

Inverse Universe

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



EF5A75



FF4062



C0EF5A



786C6E



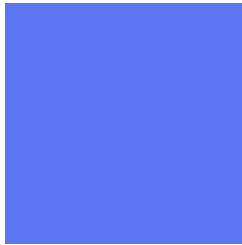
B80021



38000A

Previews

White Background



This preview shows how the Hex color 5A75EF looks on a white background.

Color Contrast Check

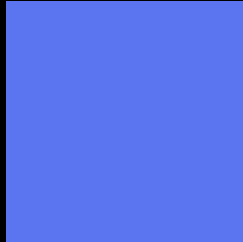
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5A75EF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

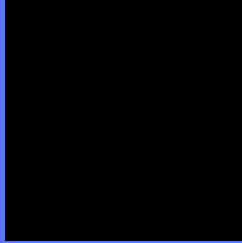
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5A75EF Background



This preview shows how black text looks on a background with the Hex color 5A75EF.

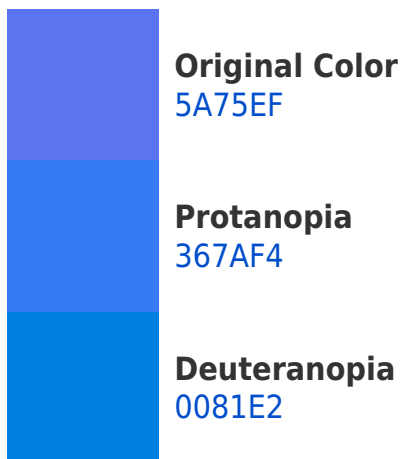


This preview shows how white text looks on a background with the Hex color 5A75EF.

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](#).

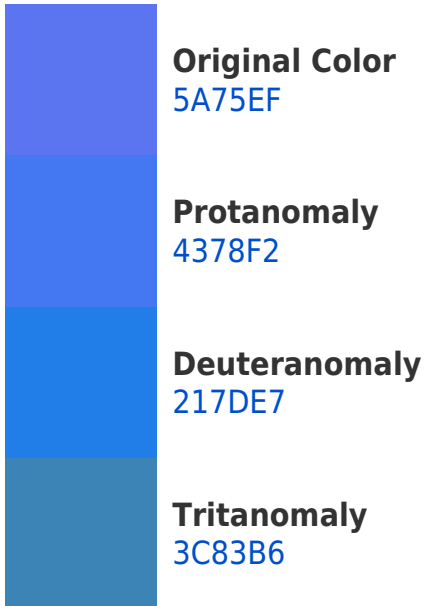
Dichromacy



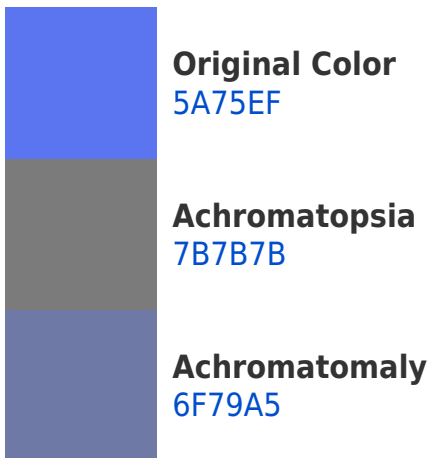


Tritanopia
2B8B96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A75EF 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 #5A75EF looks like.

```
.text, #text, p{  
    color:#5A75EF  
}
```

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 #5A75EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A75EF
}
```

Border

The CSS property to change the border of an element to Hex 5A75EF 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
#5A75EF }
```

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

```
.border{ border-color:#5A75EF }
```

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

Here you see how a box with a 4 pixel #5A75EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A75EF; -webkit-box-shadow:4px 4px  
4px 4px #5A75EF; box-shadow:4px 4px 4px  
4px #5A75EF }
```

Background

The CSS property to change the background color of an element to Hex 5A75EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A75EF }
```

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

```
.background{ background-color:#5A75EF }
```

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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