

# Converting Colors

Hex(5752EF)

Have a look what the booklet for  
Hex(5752EF) contains.

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# Color

Hex(5752EF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5752EF
RGB	87, 82, 239
RGB Percent	34%, 32%, 94%
CMY	0.6588, 0.6784, 0.0627
CMYK	0.64, 0.66, 0.00, 0.06
HSL	242°, 83%, 63%
HSV	242°, 66%, 94%
XYZ	22.5278, 14.2928, 83.2328
YIQ	101.3930, -47.4170, 49.8870

# Conversions

## Conversions Part 2

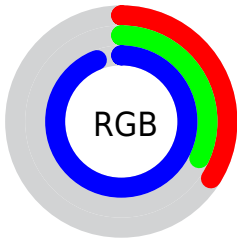
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 82, 239
Decimal	5722863
CIELab	44.65, 48.01, -78.30
CIELCh	45, 91.847, 301.514
Yxy	14.2928, 0.1876, 0.1191
Android (android.graphics.Color)	4283912943 (0xFF5752EF)
YUV	101.3930, 67.8403, -12.6227
Hunter-Lab	37.8058, 40.2044, -104.0679

# Details

The Hex color **5752EF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **EAEF52**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9884FF**, and **0024B6** is the 20% darker color. If you saturate the color by 10%, you get **403AEF**, and if you desaturate by 10%, it is **6E6AEF**.

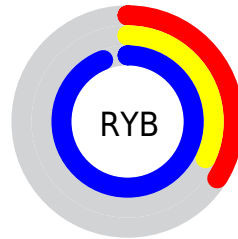
# Distribution



Red (34%)

Green (32%)

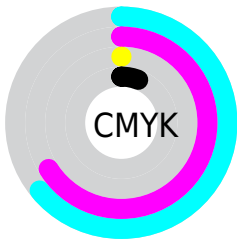
Blue (94%)



Red (34%)

Yellow (32%)

Blue (94%)

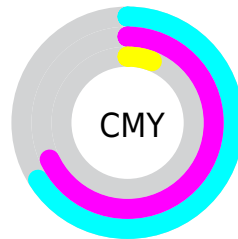


Cyan (64%)

Magenta (66%)

Yellow (0%)

Black (6%)



Cyan (66%)

Magenta (68%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5752EF 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 5752EF by changing the saturation by 10% instead.



■ 5752EF

■ 5752EF

FFFFFF

■ 303AD2

■ 9884FF

■ 0024B6

■ B79FFF

■ 000E9A

■ D5BAFF

■ 00007F

■ F4D6FF

■ 000065

■ FFF3FF

■ 00094C

■ 000434

■ 00021E

■ 000000

■ 5752EF

■ 5752EF

■ 403AEF

■ 6E6AEF

■ 2922EF

■ 8582EF

■ 120AEF

■ 9C9AEF

■ 0800EF

■ B4B2EF

■ CBCAEF

■ E2E1EF

■ F9F9EF

■ FFFFEF

# Harmonies

## Analogous

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



0074FF



5752EF



C300B4

# Triad

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



5752EF



B84400



00866C

# Complementary

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



5752EF



EAEF52

# 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.



008311



5752EF



7E6900

# Square

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



5752EF



DE001F



267B00



0087B9

# Rectangle

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



5752EF



E00083



267B00



008551



# Sweetspot

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



5752EF



CECCFF



52ECEF



626180



000000



808080



# Same Dimension

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



5752EF



3C36FF



A352EF



6C6C78



0600B8



020038



# Inverse Universe

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



EF52EA



FF36F9



9EEF52



786C77



B800B2

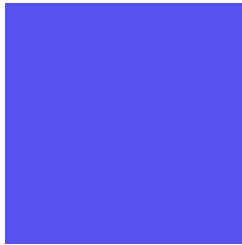


380036



# Previews

## White Background



This preview shows how the Hex color 5752EF looks on a white background.

## Color Contrast Check

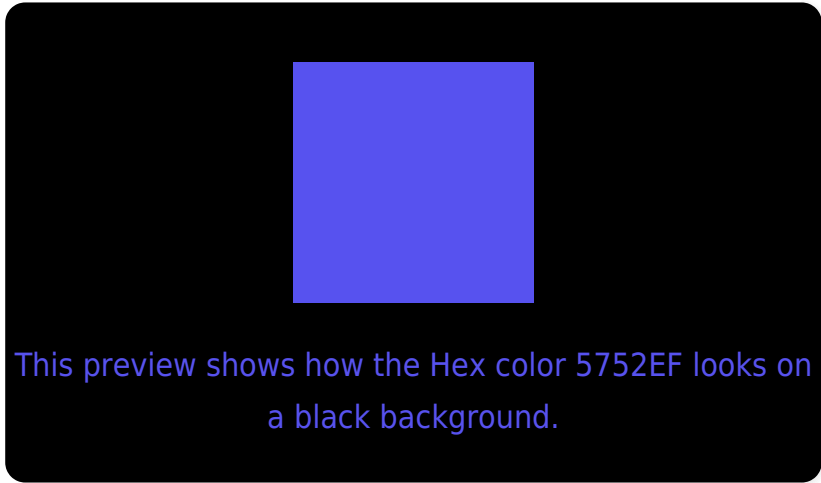
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

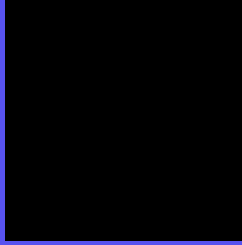
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5752EF Background



This preview shows how black text looks on a background with the Hex color 5752EF.

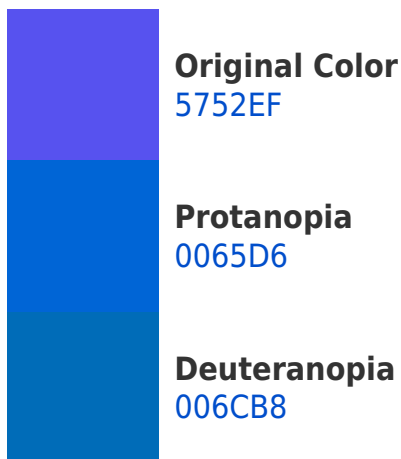


This preview shows how white text looks on a background with the Hex color 5752EF.

# 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](#).

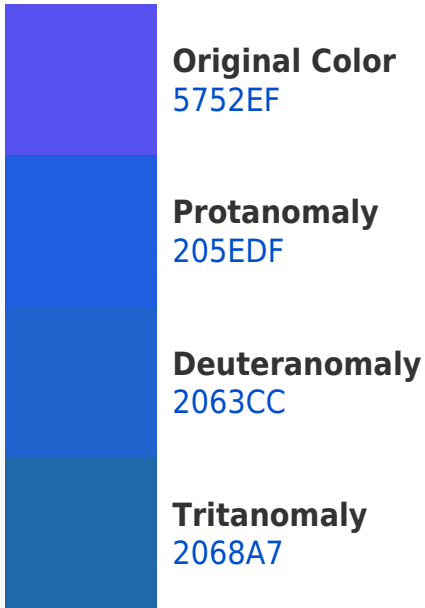
## Dichromacy





**Tritanopia**  
00747E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5752EF 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 #5752EF looks like.

```
.text, #text, p{  
    color:#5752EF  
}
```

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 #5752EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5752EF
}
```

## Border

The CSS property to change the border of an element to Hex 5752EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

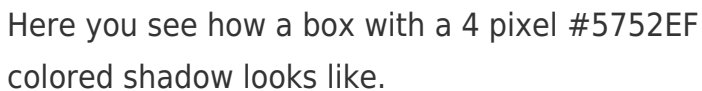
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5752EF }
```

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

```
.border{ border-color:#5752EF }
```

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



Here you see how a box with a 4 pixel #5752EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5752EF; -webkit-box-shadow:4px 4px  
4px 4px #5752EF; box-shadow:4px 4px 4px  
4px #5752EF }
```

# Background

The CSS property to change the background color of an element to Hex 5752EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5752EF }
```

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

```
.background{ background-color:#5752EF }
```

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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