

# Converting Colors

Hex(5F53EF)

Have a look what the booklet for  
Hex(5F53EF) contains.

<b>Hex(5F53EF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5F53EF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F53EF
RGB	95, 83, 239
RGB Percent	37%, 33%, 94%
CMY	0.6275, 0.6745, 0.0627
CMYK	0.60, 0.65, 0.00, 0.06
HSL	245°, 83%, 63%
HSV	245°, 65%, 94%
XYZ	23.3926, 14.8514, 83.2950
YIQ	104.3720, -42.9240, 51.0600

# Conversions

## Conversions Part 2

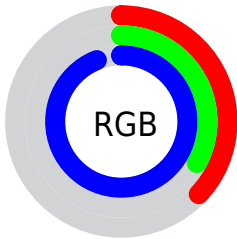
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 83, 239
Decimal	6247407
CIE Lab	45.43, 48.56, -77.00
CIE LCh	45, 91.032, 302.235
Yxy	14.8514, 0.1925, 0.1222
Android (android.graphics.Color)	4284437487 (0xFF5F53EF)
YUV	104.3720, 66.3716, -8.2192
Hunter-Lab	38.5375, 40.9102, -101.1732

# Details

The Hex color **5F53EF** 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 **E3EF53**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9E86FF**, and **0024B6** is the 20% darker color. If you saturate the color by 10%, you get **493BEF**, and if you desaturate by 10%, it is **756BEF**.

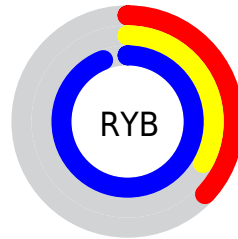
# Distribution



Red (37%)

Green (33%)

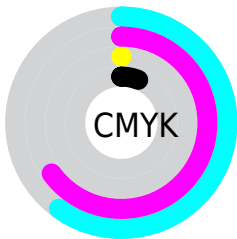
Blue (94%)



Red (37%)

Yellow (33%)

Blue (94%)

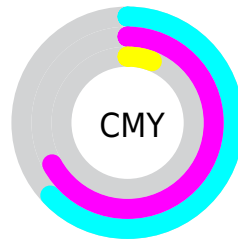


Cyan (60%)

Magenta (65%)

Yellow (0%)

Black (6%)



Cyan (63%)

Magenta (67%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F53EF 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 5F53EF by changing the saturation by 10% instead.



■ 5F53EF

■ 5F53EF

FFFFFF

■ 3B3BD2

■ 9E86FF

■ 0024B6

■ BDA0FF

■ 000D9A

■ DCBBFF

■ 00007F

■ FAD7FF

■ 000065

■ FFF4FF

■ 00094C

■ 000434

■ 00021E

■ 000000

 5F53EF

 5F53EF

 493BEF

 756BEF

 3323EF

 8B83EF

 1D0BEF

 A19BEF

 1200EF

 B7B3EF

 CDCAEF

 E3E2EF

 F9FAEF

 FFFFEF

# Harmonies

## Analogous

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



0075FF



5F53EF



C600B4

# Triad

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



5F53EF



B94800



008870

# Complementary

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



5F53EF



E3EF53

# 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.



008518



5F53EF



7F6B00

# Square

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



5F53EF



E0001F



277D00



0089BC

# Rectangle

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



5F53EF



E20083



277D00



008755



# Sweetspot

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



5F53EF



D0CCFF



53E5EF



636180



000000



808080



# Same Dimension

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



5F53EF



4738FF



AB53EF



6D6C78



0E00B8



040038



# Inverse Universe

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



EF53E3



FF38F0



97EF53



786C77



B800A9

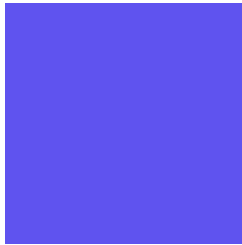


380034



# Previews

## White Background



This preview shows how the Hex color 5F53EF looks on a white background.

## Color Contrast Check

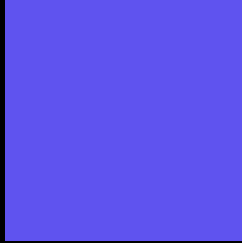
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5F53EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

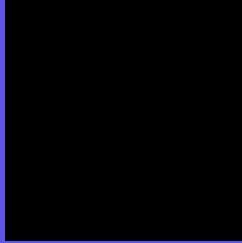
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F53EF Background



This preview shows how black text looks on a background with the Hex color 5F53EF.

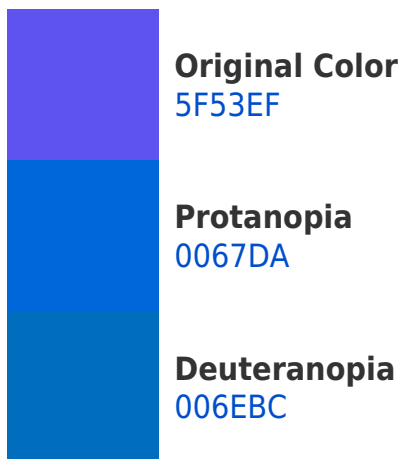



This preview shows how white text looks on a background with the Hex color 5F53EF.

# 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](#).

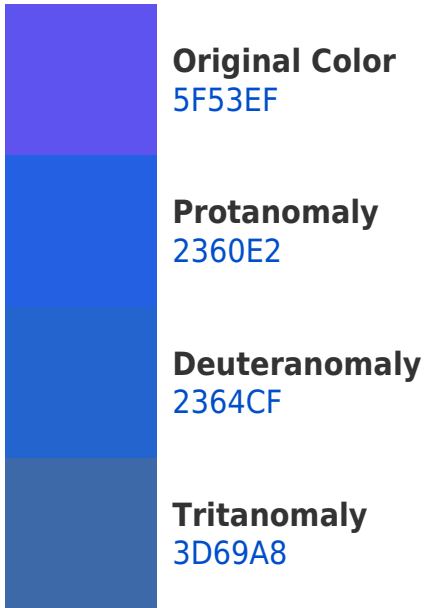
## Dichromacy





**Tritanopia**  
2A757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F53EF 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 #5F53EF looks like.

```
.text, #text, p{  
    color:#5F53EF  
}
```

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 #5F53EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F53EF
}
```

## Border

The CSS property to change the border of an element to Hex 5F53EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

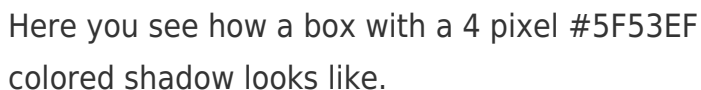
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F53EF }
```

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

```
.border{ border-color:#5F53EF }
```

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



Here you see how a box with a 4 pixel #5F53EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F53EF; -webkit-box-shadow:4px 4px  
4px 4px #5F53EF; box-shadow:4px 4px 4px  
4px #5F53EF }
```

# Background

The CSS property to change the background color of an element to Hex 5F53EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F53EF }
```

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

```
.background{ background-color:#5F53EF }
```

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