

# Converting Colors

Hex(5E73F6)

Have a look what the booklet for  
Hex(5E73F6) contains.

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# **Color**

**Hex(5E73F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E73F6
RGB	94, 115, 246
RGB Percent	37%, 45%, 96%
CMY	0.6314, 0.5490, 0.0353
CMYK	0.62, 0.53, 0.00, 0.04
HSL	232°, 89%, 67%
HSV	232°, 62%, 96%
XYZ	27.3814, 21.2950, 89.8560
YIQ	123.6550, -54.5670, 36.2890

# Conversions

## Conversions Part 2

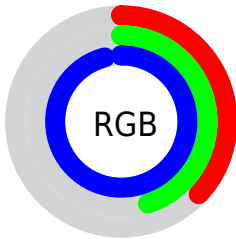
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 112, 246
Decimal	6190070
CIE Lab	53.27, 31.64, -68.16
CIE LCh	53, 75.151, 294.902
Yxy	21.2950, 0.1977, 0.1537
Android (android.graphics.Color)	4284380150 (0xFF5E73F6)
YUV	123.6550, 60.3161, -26.0074
Hunter-Lab	46.1465, 25.1581, -83.1464

# Details

The Hex color **5E73F6** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **F6E15E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9DA7FF**, and **0044BD** is the 20% darker color. If you saturate the color by 10%, you get **455EF6**, and if you desaturate by 10%, it is **7788F6**.

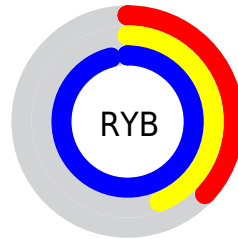
# Distribution



Red (37%)

Green (45%)

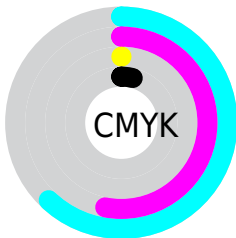
Blue (96%)



Red (37%)

Yellow (44%)

Blue (96%)

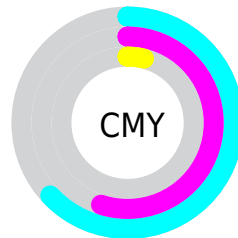


Cyan (62%)

Magenta (53%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (55%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E73F6 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 5E73F6 by changing the saturation by 10% instead.



 5E73F6

 5E73F6

FFFFFF

 3A5BD9

 9DA7FF

 0044BD

 BBC2FF

 002EA1

 DADEFF

 001A86

 F8FAFF

 00056C

 000953

 00063B

 000224

 00000C

■ 5E73F6

■ 5E73F6

■ 455EF6

■ 7788F6

■ 2D49F6

■ 8F9DF6

■ 1433F6

■ A8B3F6

■ 0022F6

■ C0C8F6

■ D9DDF6

■ F2F2F6

■ FFFF6

# Harmonies

## Analogous

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



008BFF



5E73F6



C150CB

# Triad

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



5E73F6



D25C05



009A72

# Complementary

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



5E73F6



F6E15E

# 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.



00962D



5E73F6



A37900

# Square

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



5E73F6



EC384D



668B00



009BB4

# Rectangle

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



5E73F6



E137A3



668B00



00995B



# Sweetspot

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



5E73F6



CFD5FF



5EF6DF



626680



000000



808080



# Same Dimension

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



5E73F6



425CFF



935EF6



6E707A



001ABA



00083B



# Inverse Universe

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



F65E73



FF425C



C1F65E



7A6E70



BA001A

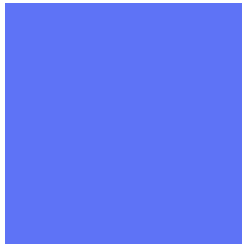


3B0008



# Previews

## White Background



This preview shows how the Hex color 5E73F6 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

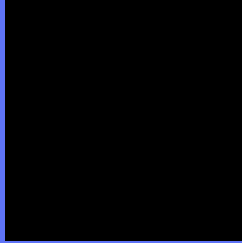
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E73F6 Background



This preview shows how black text looks on a background with the Hex color 5E73F6.

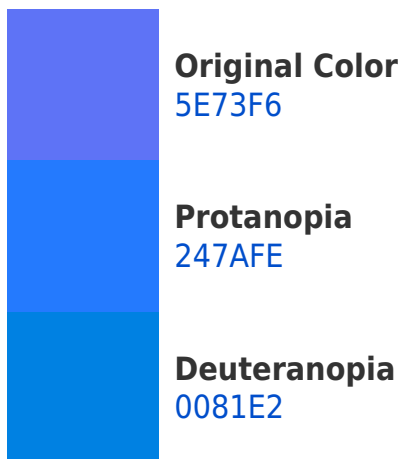


This preview shows how white text looks on a background with the Hex color 5E73F6.

# 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](#).

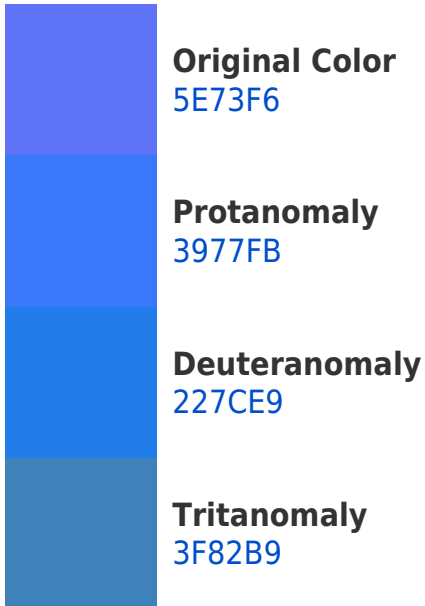
## Dichromacy





**Tritanopia**  
2D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E73F6 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 #5E73F6 looks like.

```
.text, #text, p{  
    color:#5E73F6  
}
```

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 #5E73F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E73F6
}
```

## Border

The CSS property to change the border of an element to Hex 5E73F6 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
#5E73F6 }
```

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

```
.border{ border-color:#5E73F6 }
```

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

Here you see how a box with a 4 pixel #5E73F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E73F6; -webkit-box-shadow:4px 4px  
4px 4px #5E73F6; box-shadow:4px 4px 4px  
4px #5E73F6 }
```

# Background

The CSS property to change the background color of an element to Hex 5E73F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E73F6 }
```

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

```
.background{ background-color:#5E73F6 }
```

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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