

# Converting Colors

Hex(5F7EE6)

Have a look what the booklet for  
Hex(5F7EE6) contains.

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# Color

**Hex(5F7EE6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5F7EE6
RGB	95, 126, 230
RGB Percent	37%, 49%, 90%
CMY	0.6275, 0.5059, 0.0980
CMYK	0.59, 0.45, 0.00, 0.10
HSL	226°, 73%, 64%
HSV	226°, 59%, 90%
XYZ	26.4631, 23.0678, 77.9207
YIQ	128.5870, -51.8600, 25.7720

# Conversions

## Conversions Part 2

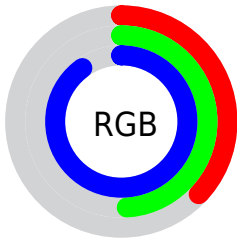
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 120, 230
Decimal	6258406
CIE Lab	55.14, 19.84, -56.23
CIE LCh	55, 59.633, 289.437
Yxy	23.0678, 0.2076, 0.1810
Android (android.graphics.Color)	4284448486 (0xFF5F7EE6)
YUV	128.5870, 49.9966, -29.4558
Hunter-Lab	48.0289, 14.2998, -62.5701

# Details

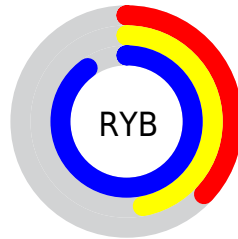
The Hex color **5F7EE6** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **E6C75F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **9BB2FF**, and **114EAE** is the 20% darker color. If you saturate the color by 10%, you get **486CE6**, and if you desaturate by 10%, it is **7690E6**.

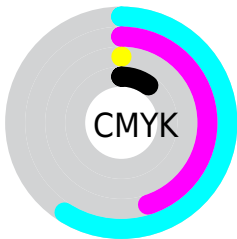
# Distribution



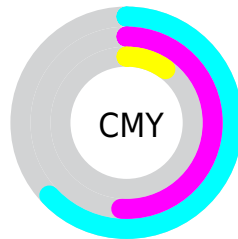
- Red (37%)
- Green (49%)
- Blue (90%)



- Red (37%)
- Yellow (47%)
- Blue (90%)



- Cyan (59%)
- Magenta (45%)
- Yellow (0%)
- Black (10%)



- Cyan (63%)
- Magenta (51%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F7EE6 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 5F7EE6 by changing the saturation by 10% instead.



■ 5F7EE6

■ 5F7EE6

FFFFFF

■ 3F65CA

■ 9BB2FF

■ 114EAE

■ B8CEFF

■ 003793

■ D6EAFF

■ 002378

■ F4FFFF

■ 00105F

■ 000846

■ 00042F

■ 000119

■ 000000

■ 5F7EE6

■ 5F7EE6

■ 486CE6

■ 7690E6

■ 315BE6

■ 8DA1E6

■ 1A49E6

■ A4B3E6

■ 0337E6

■ BBC5E6

■ 0035E6

■ D2D7E6

■ E9E8E6

■ FFFAE6

■ FFFFEE6

# Harmonies

## Analogous

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



008FEA



5F7EE6



B067C8

# Triad

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



5F7EE6



D06636



009B6F

# Complementary

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



5F7EE6



E6C75F

# 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.



3C963C



5F7EE6



AD7B0E

# Square

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



5F7EE6



E05365



7D8C10



009CA5

# Rectangle

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



5F7EE6



CE58A9



7D8C10



009A5E



# Sweetspot

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



5F7EE6



D1DCFF



5FE6C7



636A80



000000



808080



# Same Dimension

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



5F7EE6



4D75FF



835FE6



676A73



0029B3



000C33



# Inverse Universe

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



E65F7E



FF4D75



C2E65F



73676A



B30029

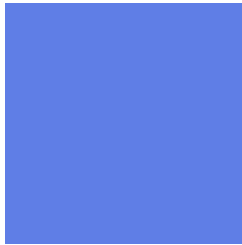


33000C



# Previews

## White Background



This preview shows how the Hex color 5F7EE6 looks on a white background.

## Color Contrast Check

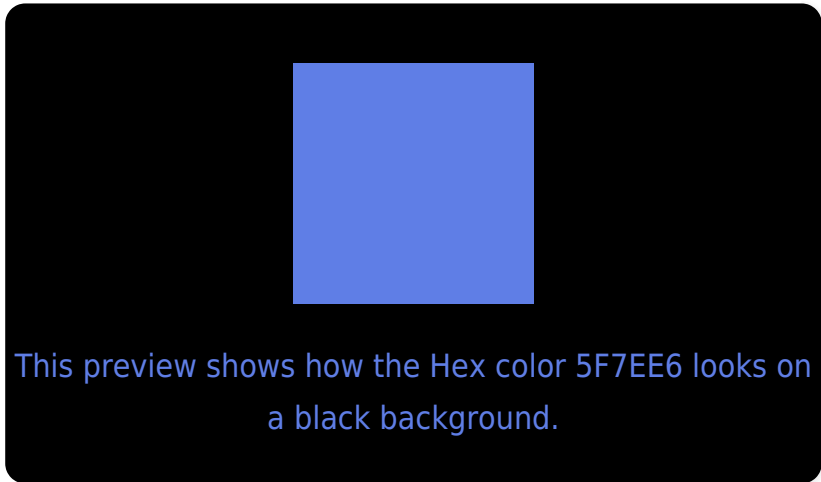
Large Text (above 18pt) WCAG AA ✓ Pass

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

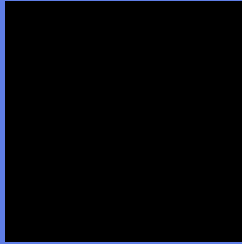
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F7EE6 Background



This preview shows how black text looks on a background with the Hex color 5F7EE6.



This preview shows how white text looks on a background with the Hex color 5F7EE6.

# 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



**Original Color**  
5F7EE6

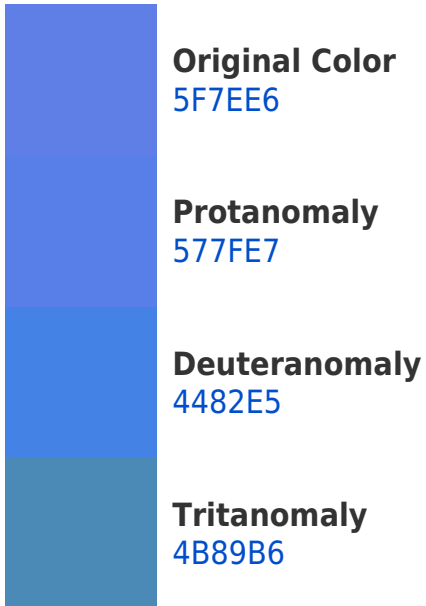
**Protanopia**  
5380E8

**Deuteranopia**  
3585E4



**Tritanopia**  
3F8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F7EE6 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 #5F7EE6 looks like.

```
.text, #text, p{  
    color:#5F7EE6  
}
```

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 #5F7EE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F7EE6
}
```

## Border

The CSS property to change the border of an element to Hex 5F7EE6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

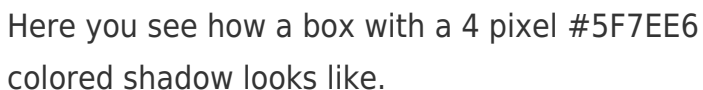
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F7EE6 }
```

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

```
.border{ border-color:#5F7EE6 }
```

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



Here you see how a box with a 4 pixel #5F7EE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F7EE6; -webkit-box-shadow:4px 4px  
4px 4px #5F7EE6; box-shadow:4px 4px 4px  
4px #5F7EE6 }
```

# Background

The CSS property to change the background color of an element to Hex 5F7EE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F7EE6 }
```

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

```
.background{ background-color:#5F7EE6 }
```

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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