

# Converting Colors

Hex(5D67EC)

Have a look what the booklet for  
Hex(5D67EC) contains.

<b>Hex(5D67EC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(5D67EC)

# Conversions

## Conversions Part 1

Format	Color
Hex	5D67EC
RGB	93, 103, 236
RGB Percent	36%, 40%, 93%
CMY	0.6353, 0.5961, 0.0745
CMYK	0.61, 0.56, 0.00, 0.07
HSL	236°, 79%, 65%
HSV	236°, 61%, 93%
XYZ	24.5048, 18.0838, 81.5559
YIQ	115.1720, -48.6530, 39.2430

# Conversions

## Conversions Part 2

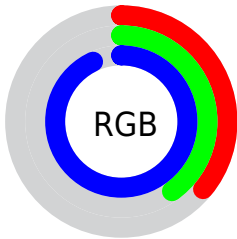
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	93, 102, 236
Decimal	6121452
CIE Lab	49.60, 35.48, -68.53
CIE LCh	50, 77.174, 297.372
Yxy	18.0838, 0.1974, 0.1457
Android (android.graphics.Color)	4284311532 (0xFF5D67EC)
YUV	115.1720, 59.5682, -19.4448
Hunter-Lab	42.5250, 28.4407, -83.9407

# Details

The Hex color **5D67EC** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **ECE25D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9B9AFF**, and **0038B3** is the 20% darker color. If you saturate the color by 10%, you get **4551EC**, and if you desaturate by 10%, it is **757DEC**.

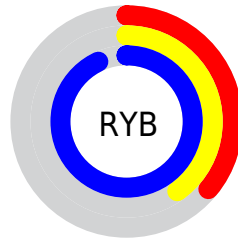
# Distribution



Red (36%)

Green (40%)

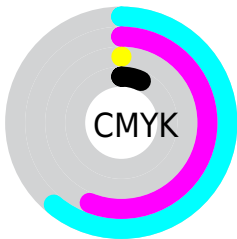
Blue (93%)



Red (36%)

Yellow (40%)

Blue (93%)

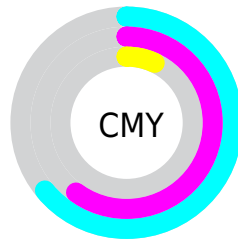


Cyan (61%)

Magenta (56%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (60%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D67EC 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 5D67EC by changing the saturation by 10% instead.



■ 5D67EC

■ 5D67EC

FFFFFF

■ 3A4FCF

■ 9B9AFF

■ 0038B3

■ B9B5FF

■ 002398

■ D7D0FF

■ 00117D

■ F6EDFF

■ 000063

■ 00094A

■ 000433

■ 00021D

■ 000000

■ 5D67EC

■ 5D67EC

■ 4551EC

■ 757DEC

■ 2E3BEC

■ 8C93EC

■ 1625EC

■ A4A9EC

■ 0011EC

■ BBBFEC

■ D3D5EC

■ EBEBEC

■ FFFFEC

# Harmonies

## Analogous

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



0081FB



5D67EC



BD3FBE

# Triad

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



5D67EC



C55400



00916E

# Complementary

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



5D67EC



ECE25D

# 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.



008D27



5D67EC



947100

# Square

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



5D67EC



E2293E



548300



0092B1

# Rectangle

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



5D67EC



DA1F95



548300



009057



# Sweetspot

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



5D67EC



D1D4FF



5DECE0



636580



000000



808080



# Same Dimension

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



5D67EC



4552FF



995DEC



6A6A75



000DB5



000436



# Inverse Universe

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



EC5D67



FF4552



B0EC5D



756A6A



B5000D

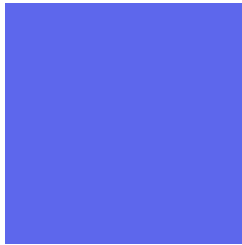


360004



# Previews

## White Background



This preview shows how the Hex color 5D67EC looks on a white background.

## Color Contrast Check

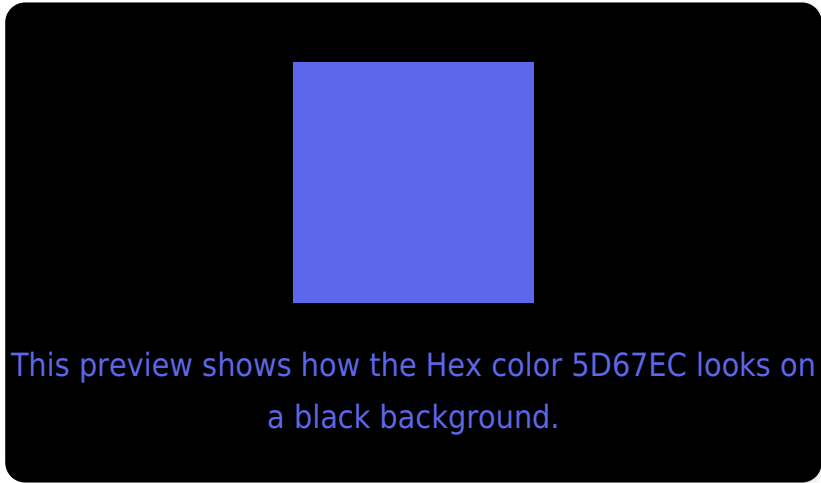
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

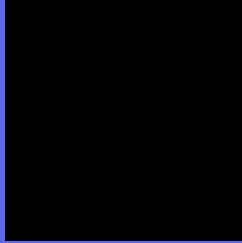
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5D67EC Background



This preview shows how black text looks on a background with the Hex color 5D67EC.



This preview shows how white text looks on a background with the Hex color 5D67EC.

# 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**  
2F808B

# Trichromacy



**Original Color**  
5D67EC



**Protanomaly**  
226DEF



**Deuteranomaly**  
2272DA



**Tritanomaly**  
4077AE

# Monochromacy



**Original Color**  
5D67EC



**Achromatopsia**  
737373



**Achromatomaly**  
6B6F9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D67EC 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 #5D67EC looks like.

```
.text, #text, p{  
    color:#5D67EC  
}
```

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 #5D67EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D67EC
}
```

## Border

The CSS property to change the border of an element to Hex 5D67EC 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
#5D67EC }
```

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

```
.border{ border-color:#5D67EC }
```

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

Here you see how a box with a 4 pixel #5D67EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D67EC; -webkit-box-shadow:4px 4px  
4px 4px #5D67EC; box-shadow:4px 4px 4px  
4px #5D67EC }
```

# Background

The CSS property to change the background color of an element to Hex 5D67EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D67EC }
```

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

```
.background{ background-color:#5D67EC }
```

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