

# Converting Colors

Hex(5714EB)

Have a look what the booklet for  
Hex(5714EB) contains.

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# Color

**Hex(5714EB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5714EB
RGB	87, 20, 235
RGB Percent	34%, 8%, 92%
CMY	0.6588, 0.9216, 0.0784
CMYK	0.63, 0.91, 0.00, 0.08
HSL	259°, 84%, 50%
HSV	259°, 91%, 92%
XYZ	19.1760, 8.5247, 79.2320
YIQ	64.5430, -29.0830, 81.0690

# Conversions

## Conversions Part 2

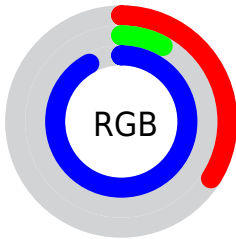
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	87, 20, 235
Decimal	5706987
CIE Lab	35.05, 73.20, -91.87
CIE LCh	35, 117.466, 308.547
Yxy	8.5247, 0.1793, 0.0797
Android (android.graphics.Color)	4283897067 (0xFF5714EB)
YUV	64.5430, 84.0353, 19.6948
Hunter-Lab	29.1971, 66.1401, -140.4570

# Details

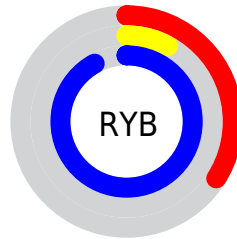
The Hex color **5714EB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **A8EB14**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9A52FF**, and **0000B1** is the 20% darker color. If you saturate the color by 10%, you get **4900EB**, and if you desaturate by 10%, it is **672CEB**.

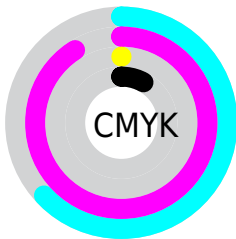
# Distribution



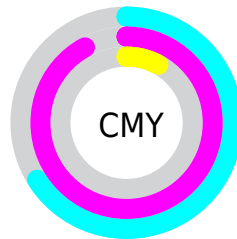
- Red (34%)
- Green (8%)
- Blue (92%)



- Red (34%)
- Yellow (8%)
- Blue (92%)



- Cyan (63%)
- Magenta (91%)
- Yellow (0%)
- Black (8%)



- Cyan (66%)
- Magenta (92%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5714EB 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 5714EB by changing the saturation by 10% instead.



5714EB

5714EB

FFFFFF

2C00CE

9A52FF

0000B1

BA6DFF

000096

DA89FF

00007B

F9A5FF

000861

FFC1FF

000848

FFDEFF

000430

FFFCFF

00011A

000000

■ 5714EB

■ 5714EB

■ 4900EB

■ 672CEB

■ 7743EB

■ 885BEB

■ 9872EB

■ A88AEB

■ B8A1EB

■ C8B9EB

■ D8D0EB

■ E9E8EB

# Harmonies

## Analogous

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



005DFF



5714EB



CB009A

# Triad

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



5714EB



992D00



006F6D

# Complementary

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



5714EB



A8EB14

# 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.



006C00



5714EB



4D5800

# Square

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



5714EB



CE0000



006700



0072C9

# Rectangle

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



5714EB



E3005C



006700



006E4C



# Sweetspot

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



5714EB



D0BAFF



14AAEB



635780



000000



808080



# Same Dimension

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



5714EB



4F00FF



C014EB



6D6A75



3800B5



110036



# Inverse Universe

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



EB14A8



FF00B0



3FEB14



756A72



B5007D

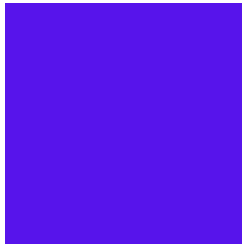


360025



# Previews

## White Background



This preview shows how the Hex color 5714EB 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

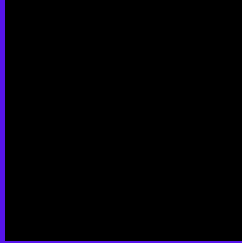
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5714EB Background



This preview shows how black text looks on a background with the Hex color 5714EB.

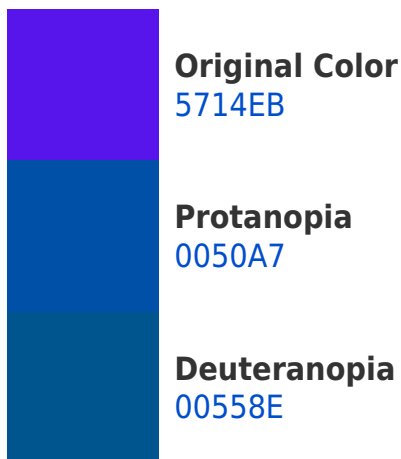


This preview shows how white text looks on a background with the Hex color 5714EB.

# 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





# Trichromacy



**Original Color**

5714EB



**Protanomaly**

203AC0



**Deuteranomaly**

203DB0



**Tritanomaly**

204294

# Monochromacy



**Original Color**

5714EB



**Achromatopsia**

414141



**Achromatomaly**

49317F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5714EB 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 #5714EB looks like.

```
.text, #text, p{  
    color:#5714EB  
}
```

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 #5714EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5714EB
}
```

## Border

The CSS property to change the border of an element to Hex 5714EB 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".

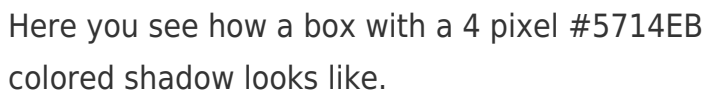
```
.border, #border, table{ border:4px solid
#5714EB }
```

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

```
.border{ border-color:#5714EB }
```

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

Here you see how a box with a 4 pixel #5714EB colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5714EB; -webkit-box-shadow:4px 4px  
4px 4px #5714EB; box-shadow:4px 4px 4px  
4px #5714EB }
```

# Background

The CSS property to change the background color of an element to Hex 5714EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5714EB }
```

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

```
.background{ background-color:#5714EB }
```

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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