

# Converting Colors

Hex(5714FF)

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

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**Color**

**Hex(5714FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5714FF
RGB	87, 20, 255
RGB Percent	34%, 8%, 100%
CMY	0.6588, 0.9216, 0.0000
CMYK	0.66, 0.92, 0.00, 0.00
HSL	257°, 100%, 54%
HSV	257°, 92%, 100%
XYZ	22.2306, 9.7465, 95.3173
YIQ	66.8230, -35.5030, 87.2890

# Conversions

## Conversions Part 2

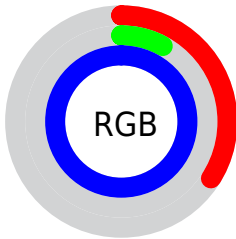
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 20, 255
Decimal	5707007
CIE <sub>Lab</sub>	37.38, 77.96, -99.28
CIE <sub>LCh</sub>	37, 126.234, 308.141
Yxy	9.7465, 0.1746, 0.0766
Android (android.graphics.Color)	4283897087 (0xFF5714FF)
YUV	66.8230, 92.7713, 17.6952
Hunter-Lab	31.2195, 72.4715, -159.1669

# Details

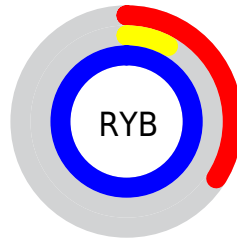
The Hex color **5714FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **BCFF14**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9E54FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4900FF**, and if you desaturate by 10%, it is **692EFF**.

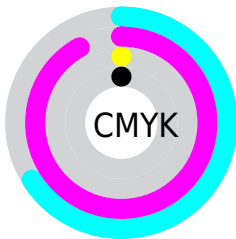
# Distribution



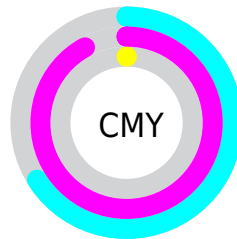
- Red (34%)
- Green (8%)
- Blue (100%)



- Red (34%)
- Yellow (8%)
- Blue (100%)



- Cyan (66%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (92%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 5714FF

 5714FF

FFFFFF

 2700E1

 9E54FF

 0000C4

 BE70FF

 0000A8

 DF8CFF

 00008D


 FFA8FF


 000372

 FFC5FF

 000C58

 FFE2FF

 000740

 000329

 000113

■ 5714FF

■ 5714FF

■ 4900FF

■ 692EFF

■ 7B47FF

■ 8E61FF

■ A07AFF

■ B293FF

■ C4ADFF

■ D7C7FF

■ E9E0FF

■ FBFAFF

# Harmonies

## Analogous

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



0064FF



5714FF



DA00A7

# Triad

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



5714FF



A52D00



007673

# Complementary

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



5714FF



BCFF14

# 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.



007300



5714FF



535E00

# Square

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



5714FF



DE0000



006E00



007AD8

# Rectangle

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



5714FF



F40064



006E00



00754F



# Sweetspot

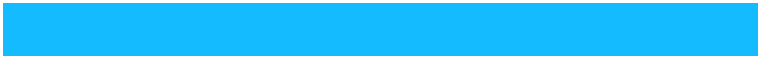
The Sweet Spot groups the original color and five complimentary colors.



5714FF



CCB8FF



14BCFF



615480



000000



808080



# Same Dimension

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



5714FF



4900FF



CC14FF



767380



3700BF



120040



# Inverse Universe

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



FF14BC



FF00B6



47FF14



80737C



BF0089

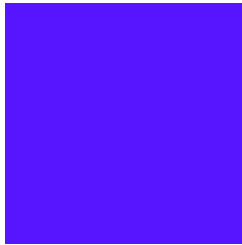


40002E



# Previews

## White Background



This preview shows how the Hex color 5714FF 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

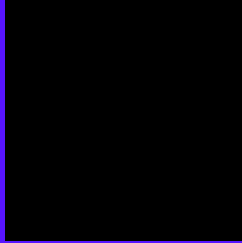
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5714FF Background



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



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

# 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**  
5714FF

**Protanopia**  
0055B2

**Deuteranopia**  
005A97



**Tritanopia**  
006168

# Trichromacy



**Original Color**  
5714FF



**Protanomaly**  
203DCE



**Deuteranomaly**  
2041BD



**Tritanomaly**  
20459F

# Monochromacy



**Original Color**  
5714FF



**Achromatopsia**  
434343



**Achromatomaly**  
4A3287

# CSS Examples

## Text

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

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

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 #5714FF colored shadow looks like.

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

## Border

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

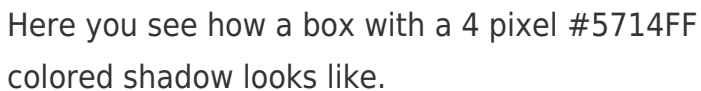
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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