

# Converting Colors

Hex(5722FF)

Have a look what the booklet for  
Hex(5722FF) contains.

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**Color**

**Hex(5722FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5722FF
RGB	87, 34, 255
RGB Percent	34%, 13%, 100%
CMY	0.6588, 0.8667, 0.0000
CMYK	0.66, 0.87, 0.00, 0.00
HSL	254°, 100%, 57%
HSV	254°, 87%, 100%
XYZ	22.5525, 10.3903, 95.4246
YIQ	75.0410, -39.3530, 79.9670

# Conversions

## Conversions Part 2

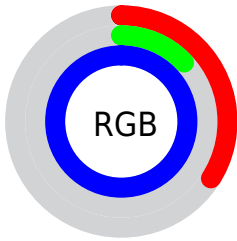
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 34, 255
Decimal	5710591
CIE <sub>Lab</sub>	38.53, 74.48, -97.37
CIE <sub>LCh</sub>	39, 122.592, 307.414
Yxy	10.3903, 0.1757, 0.0809
Android (android.graphics.Color)	4283900671 (0xFF5722FF)
YUV	75.0410, 88.7198, 10.4880
Hunter-Lab	32.2340, 68.4781, -152.9568

# Details

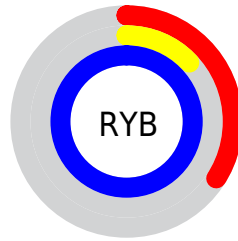
The Hex color **5722FF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **CAFF22**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9D5CFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **4408FF**, and if you desaturate by 10%, it is **6A3BFF**.

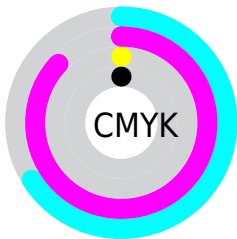
# Distribution



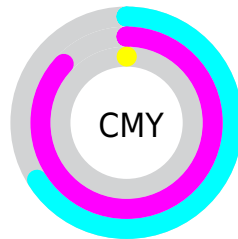
- Red (34%)
- Green (13%)
- Blue (100%)



- Red (34%)
- Yellow (13%)
- Blue (100%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5722FF 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 5722FF by changing the saturation by 10% instead.



■ 5722FF

■ 5722FF

FFFFFF

■ 2700E1

■ 9D5CFF

■ 0000C4

■ BE77FF

■ 0000A8

■ DE93FF

■ 00008D

■ FEAFFF

■ 000272

■ FFCBFF

■ 000C58

■ FFE8FF

■ 000740

■ 000329

■ 000113

■ 5722FF

■ 5722FF

■ 4408FF

■ 6A3BFF

■ 3D00FF

■ 7E55FF

■ 916EFF

■ A588FF

■ B8A2FF

■ CBBBFF

■ DFD4FF

■ F2EEFF

FFFFFF

# Harmonies

## Analogous

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



0067FF



5722FF



D900AA

# Triad

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



5722FF



A83000



007973

# Complementary

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



5722FF



CAFF22

# 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.



007600



5722FF



596000

# Square

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



5722FF



E00000



007100



007CD5

# Rectangle

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



5722FF



F30069



007100



00784F



# Sweetspot

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



5722FF



CDBDFF



22CBFF



615880



000000



808080



# Same Dimension

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



5722FF



3D00FF



C422FF



767380



2E00BF



0F0040



# Inverse Universe

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



FF22CA



FF00C2



5DFF22



80737C



BF0091

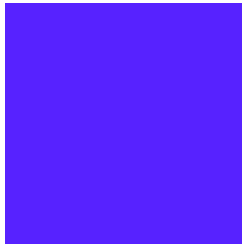


400030



# Previews

## White Background



This preview shows how the Hex color 5722FF 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 × Fail

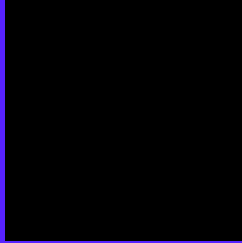
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5722FF Background



This preview shows how black text looks on a background with the Hex color 5722FF.



This preview shows how white text looks on a background with the Hex color 5722FF.

# 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**  
00646B

# Trichromacy



**Original Color**  
5722FF



**Protanomaly**  
2044D1



**Deuteranomaly**  
2048BF



**Tritanomaly**  
204CA1

# Monochromacy



**Original Color**  
5722FF



**Achromatopsia**  
4B4B4B



**Achromatomaly**  
4F3C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5722FF 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 #5722FF looks like.

```
.text, #text, p{  
    color:#5722FF  
}
```

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 #5722FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5722FF
}
```

## Border

The CSS property to change the border of an element to Hex 5722FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

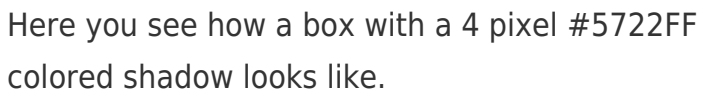
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5722FF }
```

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

```
.border{ border-color:#5722FF }
```

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



Here you see how a box with a 4 pixel #5722FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5722FF; -webkit-box-shadow:4px 4px  
4px 4px #5722FF; box-shadow:4px 4px 4px  
4px #5722FF }
```

# Background

The CSS property to change the background color of an element to Hex 5722FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5722FF }
```

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

```
.background{ background-color:#5722FF }
```

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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