

# Converting Colors

Hex(5045FD)

Have a look what the booklet for  
Hex(5045FD) contains.

<b>Hex(5045FD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(5045FD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5045FD
RGB	80, 69, 253
RGB Percent	31%, 27%, 99%
CMY	0.6863, 0.7294, 0.0078
CMYK	0.68, 0.73, 0.00, 0.01
HSL	244°, 98%, 63%
HSV	244°, 73%, 99%
XYZ	23.1660, 13.0536, 94.2271
YIQ	93.2650, -52.5080, 59.5560

# Conversions

## Conversions Part 2

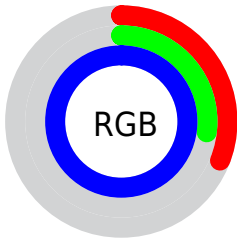
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	80, 69, 253
Decimal	5260797
CIE Lab	42.84, 58.69, -89.14
CIE LCh	43, 106.722, 303.361
Yxy	13.0536, 0.1776, 0.1001
Android (android.graphics.Color)	4283450877 (0xFF5045FD)
YUV	93.2650, 78.7494, -11.6334
Hunter-Lab	36.1297, 51.2254, -129.3388

# Details

The Hex color **5045FD** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **F2FD45**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9678FF**, and **0013C3** is the 20% darker color. If you saturate the color by 10%, you get **382CFD**, and if you desaturate by 10%, it is **685EFD**.

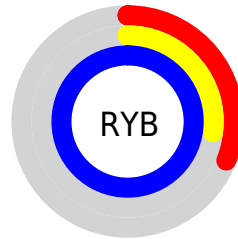
# Distribution



Red (31%)

Green (27%)

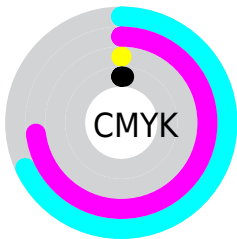
Blue (99%)



Red (31%)

Yellow (27%)

Blue (99%)

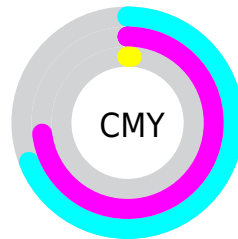


Cyan (68%)

Magenta (73%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (73%)

Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5045FD 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 5045FD by changing the saturation by 10% instead.



 5045FD


 5045FD

FFFFFF

 1D2CE0

 9678FF

 0013C3

 B692FF

 0000A7

 D5ADFF

 00008B

 F5C9FF

 000071

 FFE6FF

 000C57

 00063F

 000328

 000111

■ 5045FD

■ 5045FD

■ 382CFD

■ 685EFD

■ 2012FD

■ 8078FD

■ 0F00FD

■ 9791FD

■ AFAAFD

■ C7C4FD

■ DFDDFD

■ F7F6FD

FFFFFD

# Harmonies

## Analogous

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



0071FF



5045FD



CF00B6

# Triad

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



5045FD



B73A00



00836E

# Complementary

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



5045FD



F2FD45

# 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.



008000



5045FD



736600

# Square

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



5045FD



E50006



007900



0085C6

# Rectangle

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



5045FD



ED007D



007900



00834E



# Sweetspot

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



5045FD



CAC7FF



45F4FD



605E80



000000



808080



# Same Dimension

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



5045FD



2E21FF



AA45FD



747380



0B00BF



040040



# Inverse Universe

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



FD45F2



FF21F2



98FD45



80737F



BF00B4

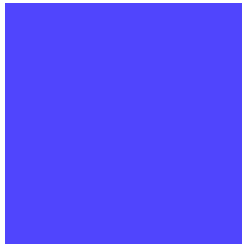


40003C



# Previews

## White Background



This preview shows how the Hex color 5045FD looks on a white background.

## Color Contrast Check

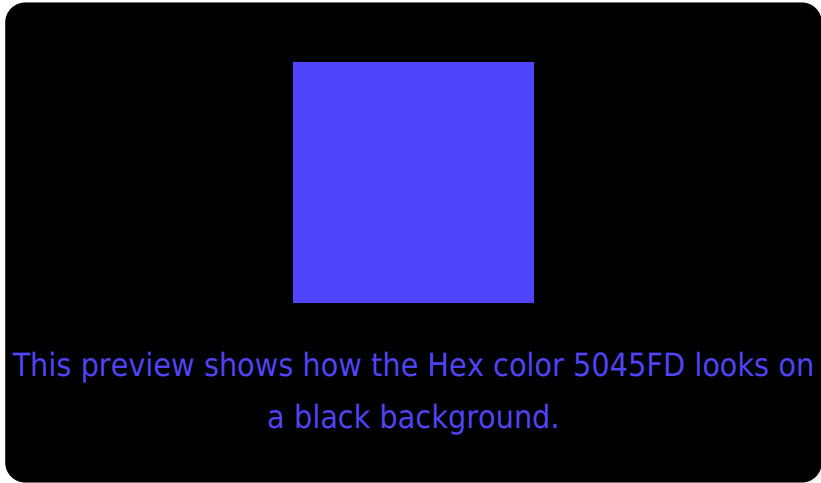
Large Text (above 18pt) WCAG AA ✓ Pass

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

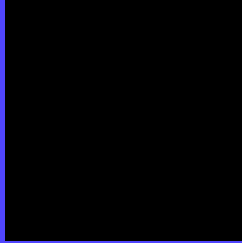
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5045FD Background



This preview shows how black text looks on a background with the Hex color 5045FD.

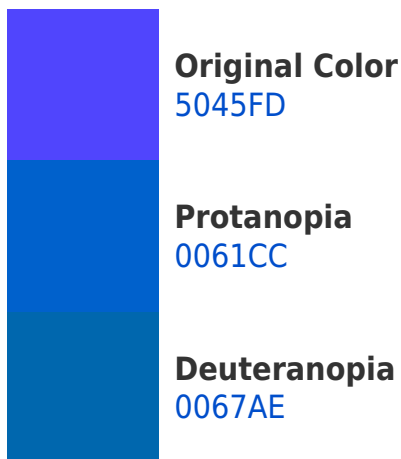


This preview shows how white text looks on a background with the Hex color 5045FD.

# 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](#).

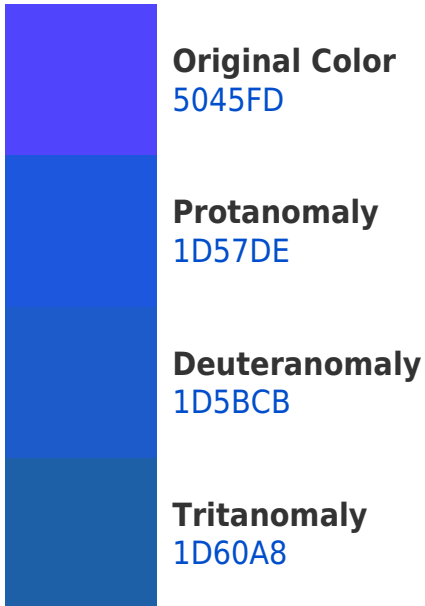
## Dichromacy



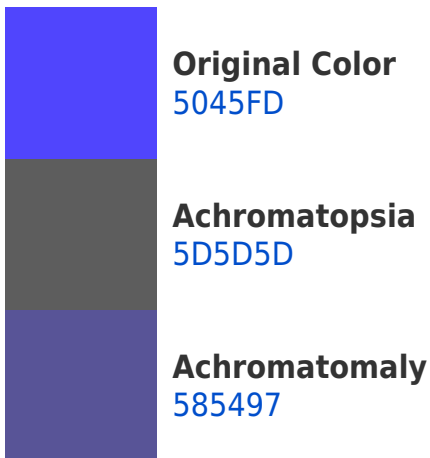


**Tritanopia**  
006F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5045FD 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 #5045FD looks like.

```
.text, #text, p{  
    color:#5045FD  
}
```

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 #5045FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5045FD
}
```

## Border

The CSS property to change the border of an element to Hex 5045FD 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
#5045FD }
```

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

```
.border{ border-color:#5045FD }
```

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

Here you see how a box with a 4 pixel #5045FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5045FD; -webkit-box-shadow:4px 4px  
4px 4px #5045FD; box-shadow:4px 4px 4px  
4px #5045FD }
```

# Background

The CSS property to change the background color of an element to Hex 5045FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5045FD }
```

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

```
.background{ background-color:#5045FD }
```

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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