

# Converting Colors

Hex(4D43FA)

Have a look what the booklet for  
Hex(4D43FA) contains.

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# Color

**Hex(4D43FA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D43FA
RGB	77, 67, 250
RGB Percent	30%, 26%, 98%
CMY	0.6980, 0.7373, 0.0196
CMYK	0.69, 0.73, 0.00, 0.02
HSL	243°, 95%, 62%
HSV	243°, 73%, 98%
XYZ	22.3230, 12.4942, 91.6776
YIQ	90.8520, -52.7830, 59.0330

# Conversions

## Conversions Part 2

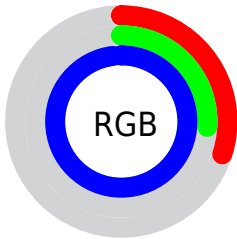
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	77, 67, 250
Decimal	5063674
CIE Lab	41.99, 58.53, -88.87
CIE LCh	42, 106.413, 303.368
Yxy	12.4942, 0.1765, 0.0988
Android (android.graphics.Color)	4283253754 (0xFF4D43FA)
YUV	90.8520, 78.4600, -12.1482
Hunter-Lab	35.3472, 50.8718, -129.0335

# Details

The Hex color **4D43FA** 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 **F0FA43**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **9376FF**, and **0011C0** is the 20% darker color. If you saturate the color by 10%, you get **352AFA**, and if you desaturate by 10%, it is **655CFA**.

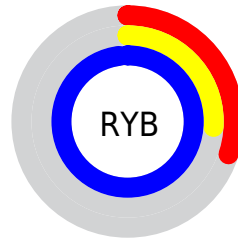
# Distribution



Red (30%)

Green (26%)

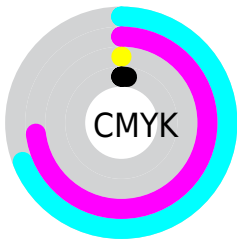
Blue (98%)



Red (30%)

Yellow (26%)

Blue (98%)

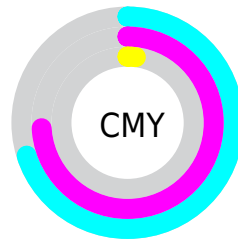


Cyan (69%)

Magenta (73%)

Yellow (0%)

Black (2%)



Cyan (70%)

Magenta (74%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D43FA 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 4D43FA by changing the saturation by 10% instead.



 4D43FA

 4D43FA

FFFFFF

 172BDD

 9376FF

 0011C0

 B390FF

 0000A4

 D3ABFF

 000089

 F3C7FF

 00016E

 FFE3FF

 000C54

 00063C

 000226

 00010E

■ 4D43FA

■ 4D43FA

■ 352AFA

■ 655CFA

■ 1E11FA

■ 7C75FA

■ 0E00FA

■ 948EFA

■ ACA7FA

■ C3C0FA

■ DBD9FA

■ F2F2FA

■ FFFFFA

# Harmonies

## Analogous

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



006FFF



4D43FA



CC00B4

# Triad

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



4D43FA



B43800



00816B

# Complementary

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



4D43FA



F0FA43

# 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.



007E00



4D43FA



716400

# Square

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



4D43FA



E20004



007600



0083C4

# Rectangle

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



4D43FA



EA007B



007600



00804C



# Sweetspot

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



4D43FA



CAC7FF



43F1FA



605E80



000000



808080



# Same Dimension

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



4D43FA



2B1FFF



A843FA



71707D



0A00BD



03003D



# Inverse Universe

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



FA43F0



FF1FF3



95FA43



7D707C



BD00B2

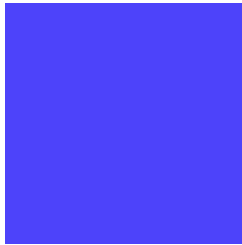


3D003A



# Previews

## White Background



This preview shows how the Hex color 4D43FA looks on a white background.

## Color Contrast Check

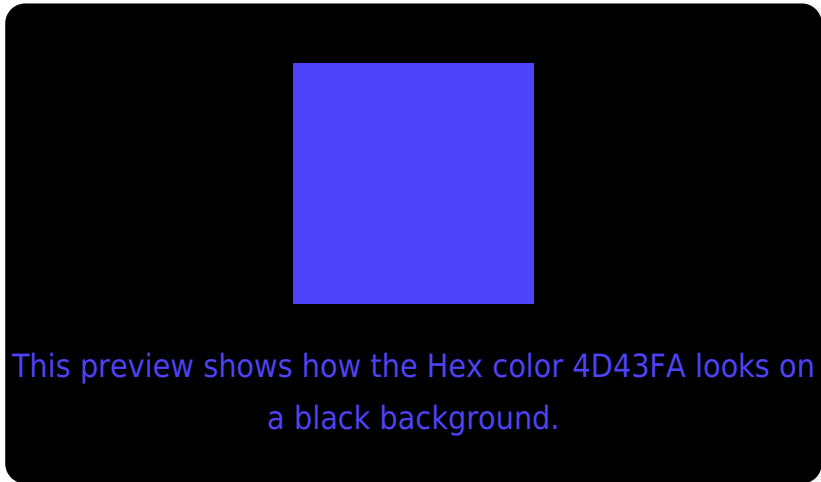
Large Text (above 18pt) WCAG AA ✓ Pass

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

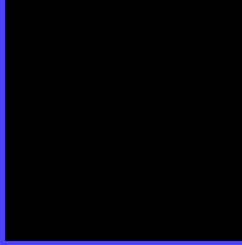
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D43FA Background



This preview shows how black text looks on a background with the Hex color 4D43FA.



This preview shows how white text looks on a background with the Hex color 4D43FA.

# 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**  
4D43FA

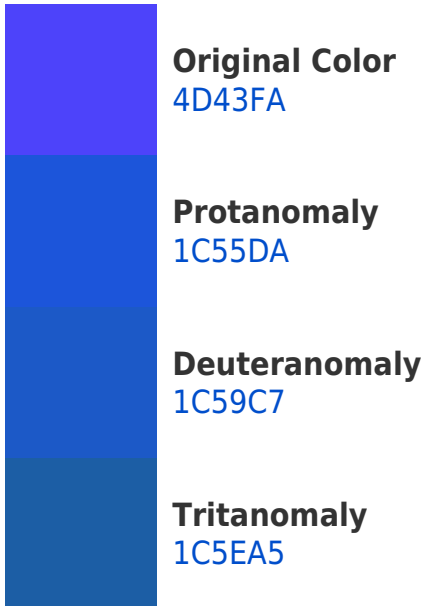
**Protanopia**  
005FC8

**Deuteranopia**  
0065AA

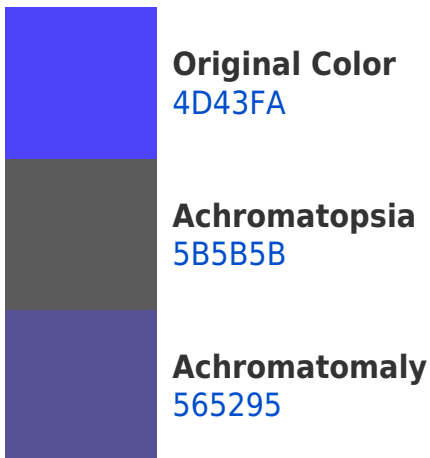


**Tritanopia**  
006D74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D43FA 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 #4D43FA looks like.

```
.text, #text, p{  
    color:#4D43FA  
}
```

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 #4D43FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D43FA
}
```

## Border

The CSS property to change the border of an element to Hex 4D43FA 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
#4D43FA }
```

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

```
.border{ border-color:#4D43FA }
```

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

Here you see how a box with a 4 pixel #4D43FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D43FA; -webkit-box-shadow:4px 4px  
4px 4px #4D43FA; box-shadow:4px 4px 4px  
4px #4D43FA }
```

# Background

The CSS property to change the background color of an element to Hex 4D43FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D43FA }
```

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

```
.background{ background-color:#4D43FA }
```

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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