

# Converting Colors

Hex(4F07C5)

Have a look what the booklet for  
Hex(4F07C5) contains.

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# Color

**Hex(4F07C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F07C5
RGB	79, 7, 197
RGB Percent	31%, 3%, 77%
CMY	0.6902, 0.9725, 0.2275
CMYK	0.60, 0.96, 0.00, 0.23
HSL	263°, 93%, 40%
HSV	263°, 96%, 77%
XYZ	13.3785, 5.8454, 53.2465
YIQ	50.1880, -18.0780, 74.3540

# Conversions

## Conversions Part 2

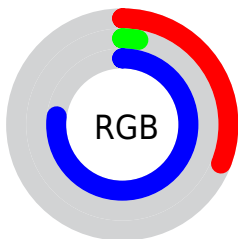
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 7, 197
Decimal	5179333
CIELab	29.02, 66.04, -79.95
CIElCh	29, 103.701, 309.558
Yxy	5.8454, 0.1846, 0.0807
Android (android.graphics.Color)	4283369413 (0xFF4F07C5)
YUV	50.1880, 72.3783, 25.2681
Hunter-Lab	24.1773, 56.4622, -113.6520

# Details

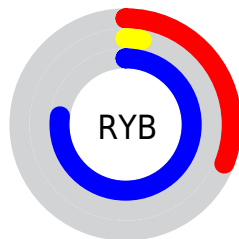
The Hex color **4F07C5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **7DC507**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8E48FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **4B00C5**, and if you desaturate by 10%, it is **5B1BC5**.

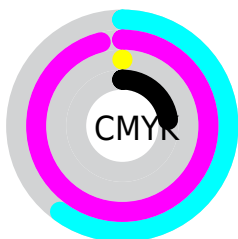
# Distribution



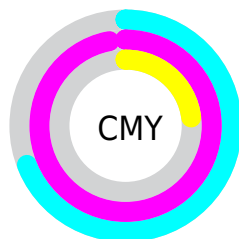
- Red (31%)
- Green (3%)
- Blue (77%)



- Red (31%)
- Yellow (3%)
- Blue (77%)



- Cyan (60%)
- Magenta (96%)
- Yellow (0%)
- Black (23%)



- Cyan (69%)
- Magenta (97%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F07C5 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 4F07C5 by changing the saturation by 10% instead.



4F07C5

4F07C5

FFFFFF

2900A9

8E48FF

00008E

AD63FF

000073

CB7EFF

000059

EA99FF

000741

FFB5FF

00032A

FFD2FF

000114

FFEFFF

000000

4F07C5

4F07C5

■ 4B00C5

■ 5B1BC5

■ 672EC5

■ 7442C5

■ 8056C5

■ 8C6AC5

■ 987DC5

■ A591C5

■ B1A5C5

■ BDB8C5

# Harmonies

## Analogous

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



004CEB



4F07C5



AD007F

# Triad

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



4F07C5



7F2600



005D5E

# Complementary

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



4F07C5



7DC507

# 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.



005B00



4F07C5



3D4A00

# Square

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



4F07C5



AD0000



005700



005FAD

# Rectangle

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



4F07C5



C0004A



005700



005C41



# Sweetspot

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



4F07C5



D1B5FF



077FC5



645380



000000



808080



# Same Dimension

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



4F07C5



6100FF



AC07C5



5D5A63



3E00A3



0E0024



# Inverse Universe

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



C5077D



FF009E



20C507



635A60



A30065

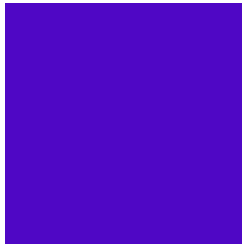


240016



# Previews

## White Background



This preview shows how the Hex color 4F07C5 looks on a white background.

## Color Contrast Check

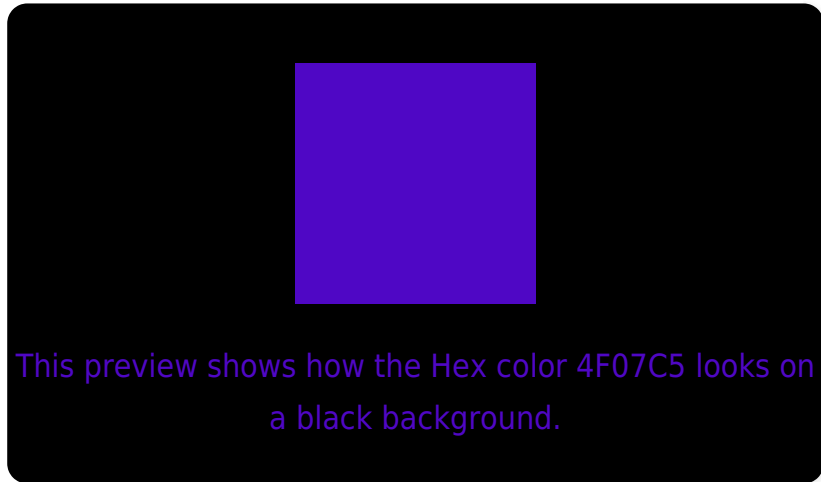
Large Text (above 18pt) WCAG AA ✓ Pass

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

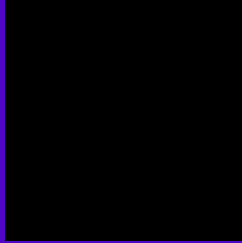
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F07C5 Background



This preview shows how black text looks on a background with the Hex color 4F07C5.



This preview shows how white text looks on a background with the Hex color 4F07C5.

# 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**  
184D53

# Trichromacy



**Original Color**  
4F07C5

**Protanomaly**  
1D2EA2

**Deuteranomaly**  
1D3095

**Tritanomaly**  
2C347C

# Monochromacy



**Original Color**  
4F07C5

**Achromatopsia**  
323232

**Achromatomaly**  
3D2267

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F07C5 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 #4F07C5 looks like.

```
.text, #text, p{  
    color:#4F07C5  
}
```

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 #4F07C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F07C5 }  
}
```

## Border

The CSS property to change the border of an element to Hex 4F07C5 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".

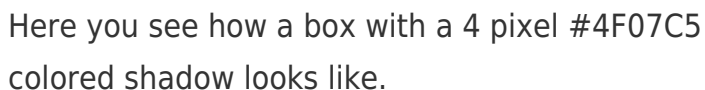
```
.border, #border, table{ border:4px solid #4F07C5 }  
}
```

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

```
.border{ border-color:#4F07C5 }
```

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

Here you see how a box with a 4 pixel #4F07C5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F07C5; -webkit-box-shadow:4px 4px  
4px 4px #4F07C5; box-shadow:4px 4px 4px  
4px #4F07C5 }
```

# Background

The CSS property to change the background color of an element to Hex 4F07C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F07C5 }
```

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

```
.background{ background-color:#4F07C5 }
```

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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