

# Converting Colors

Hex(4704C5)

Have a look what the booklet for  
Hex(4704C5) contains.

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# Color

Hex(4704C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4704C5
RGB	71, 4, 197
RGB Percent	28%, 2%, 77%
CMY	0.7216, 0.9843, 0.2275
CMYK	0.64, 0.98, 0.00, 0.23
HSL	261°, 96%, 39%
HSV	261°, 98%, 77%
XYZ	12.7200, 5.4576, 53.2063
YIQ	46.0350, -22.0210, 74.2270

# Conversions

## Conversions Part 2

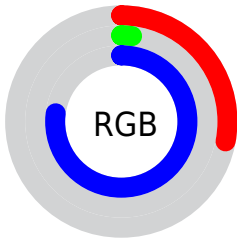
Format	Color
R <sub>Y</sub> B	71, 4, 197
Decimal	4654277
CIE Lab	28.00, 66.09, -81.67
CIE LCh	28, 105.062, 308.984
Yxy	5.4576, 0.1782, 0.0765
Android (android.graphics.Color)	4282844357 (0xFF4704C5)
YUV	46.0350, 74.4257, 21.8943
Hunter-Lab	23.3616, 56.3074, -118.6806

# Details

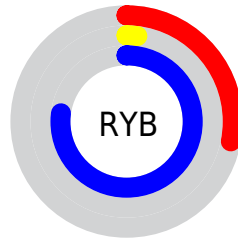
The Hex color **4704C5** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **82C504**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8846FF**, and **00008D** is the 20% darker color. If you saturate the color by 10%, you get **4400C5**, and if you desaturate by 10%, it is **5418C5**.

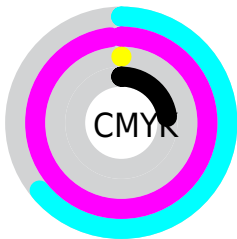
# Distribution



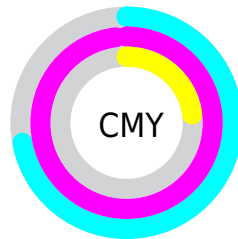
- Red (28%)
- Green (2%)
- Blue (77%)



- Red (28%)
- Yellow (2%)
- Blue (77%)



- Cyan (64%)
- Magenta (98%)
- Yellow (0%)
- Black (23%)



- Cyan (72%)
- Magenta (98%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4704C5 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 4704C5 by changing the saturation by 10% instead.



4704C5

4704C5

FFFFFF

1B00A9

8846FF

00008D

A760FF

000073

C67BFF

000259

E497FF

000741

FFB3FF

00032A

FFCFFF

000114

FFECFF

000000

4704C5

4704C5

■ 4400C5

■ 5418C5

■ 612BC5

■ 6E3FC5

■ 7A53C5

■ 8767C5

■ 947AC5

■ A18EC5

■ AEA2C5

■ BBB5C5

# Harmonies

## Analogous

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



004BEA



4704C5



AA007E

# Triad

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



4704C5



7D2200



005A5A

# Complementary

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



4704C5



82C504

# 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.



005800



4704C5



3B4800

# Square

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



4704C5



AB0000



005400



005DAA

# Rectangle

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



4704C5



BE0049



005400



00593D



# Sweetspot

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



4704C5



CFB5FF



0485C5



625380



000000



808080



# Same Dimension

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



4704C5



5900FF



A504C5



5D5A63



3900A3



0C0024



# Inverse Universe

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



C50482



FF00A6



24C504



635A60



A3006B

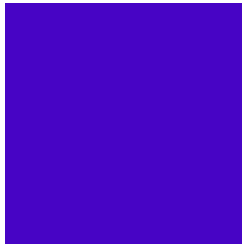


240017



# Previews

## White Background



This preview shows how the Hex color 4704C5 looks on a white background.

## Color Contrast Check

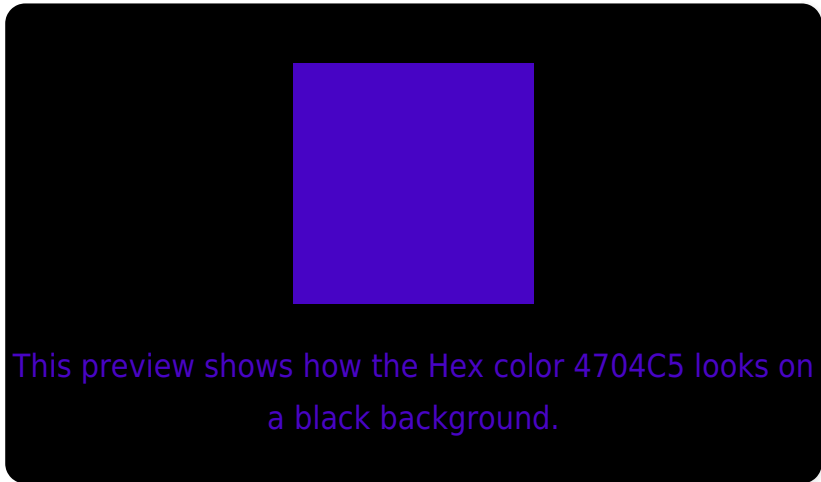
Large Text (above 18pt) WCAG AA ✓ Pass

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

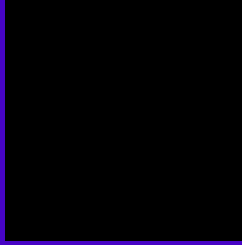
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4704C5 Background



This preview shows how black text looks on a background with the Hex color 4704C5.



This preview shows how white text looks on a background with the Hex color 4704C5.

# 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**  
4704C5

**Protanopia**  
004289

**Deuteranopia**  
004675



**Tritanopia**  
004B51

# Trichromacy



**Original Color**  
4704C5

**Protanomaly**  
1A2B9F

**Deuteranomaly**  
1A2E92

**Tritanomaly**  
1A317B

# Monochromacy



**Original Color**  
4704C5

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
371F65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4704C5 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 #4704C5 looks like.

```
.text, #text, p{  
    color:#4704C5  
}
```

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 #4704C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4704C5
}
```

## Border

The CSS property to change the border of an element to Hex 4704C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

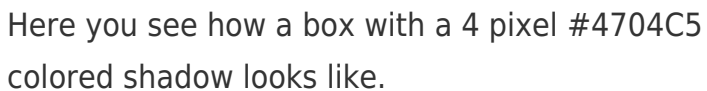
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4704C5 }
```

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

```
.border{ border-color:#4704C5 }
```

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



Here you see how a box with a 4 pixel #4704C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4704C5; -webkit-box-shadow:4px 4px  
4px 4px #4704C5; box-shadow:4px 4px 4px  
4px #4704C5 }
```

# Background

The CSS property to change the background color of an element to Hex 4704C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4704C5 }
```

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

```
.background{ background-color:#4704C5 }
```

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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