

# Converting Colors

Hex(764CD2)

Have a look what the booklet for  
Hex(764CD2) contains.

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# Color

Hex(764CD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	764CD2
RGB	118, 76, 210
RGB Percent	46%, 30%, 82%
CMY	0.5373, 0.7020, 0.1765
CMYK	0.44, 0.64, 0.00, 0.18
HSL	259°, 60%, 56%
HSV	259°, 64%, 82%
XYZ	21.6885, 13.6736, 62.4689
YIQ	103.8340, -17.9820, 50.5780

# Conversions

## Conversions Part 2

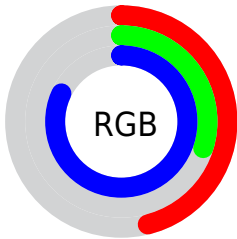
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 76, 210
Decimal	7752914
CIE <sub>Lab</sub>	43.76, 47.95, -63.15
CIE <sub>LCh</sub>	44, 79.291, 307.208
Yxy	13.6736, 0.2217, 0.1398
Android (android.graphics.Color)	4285942994 (0xFF764CD2)
YUV	103.8340, 52.3398, 12.4236
Hunter-Lab	36.9778, 39.9841, -74.2779

# Details

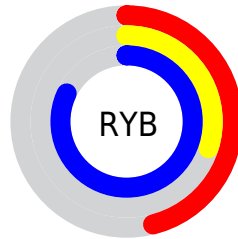
The Hex color **764CD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **A8D24C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B07FFF**, and **3B1B9A** is the 20% darker color. If you saturate the color by 10%, you get **6837D2**, and if you desaturate by 10%, it is **8461D2**.

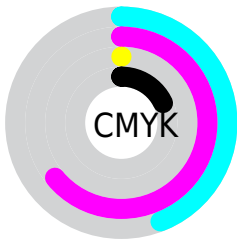
# Distribution



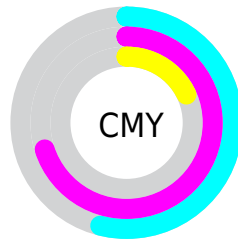
- Red (46%)
- Green (30%)
- Blue (82%)



- Red (46%)
- Yellow (30%)
- Blue (82%)



- Cyan (44%)
- Magenta (64%)
- Yellow (0%)
- Black (18%)



- Cyan (54%)
- Magenta (70%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 764CD2 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 764CD2 by changing the saturation by 10% instead.



 764CD2

 764CD2

FFFFFF

 5933B6


 B07FFF

 3B1B9A

 CD9AFF

 140080

 EBB5FF

 000066

 FFD1FF


 00004D

 FFEEFF

 000535

 00021F

 000002

 000000

 764CD2

 764CD2

 6837D2

 8461D2

 5922D2

 9376D2

 4B0DD2

 A18BD2

 4200D2

 B0A0D2

 BEB5D2

 CDCAD2

 DBDFD2

 E9F4D2

 F8FFD2

# Harmonies

## Analogous

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



006CED



764CD2



BF0C9C

# Triad

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



764CD2



A65000



008276

# Complementary

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



764CD2



A8D24C

# 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.



007F30



764CD2



716A00

# Square

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



764CD2



CA201A



1D7800



0082B6

# Rectangle

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



764CD2



D30071



1D7800



00815F



# Sweetspot

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



764CD2



DECFFF



4CAAD2



6B6280



000000



808080



# Same Dimension

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



764CD2



783BFF



B74CD2



615E69



3500A8



0D0029



# Inverse Universe

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



D24CA8



FF3BC1



67D24C



695E65



A80074

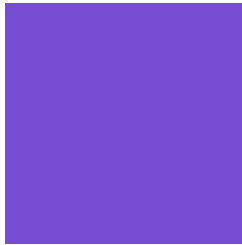


29001C



# Previews

## White Background



This preview shows how the Hex color 764CD2 looks on a white background.

## Color Contrast Check

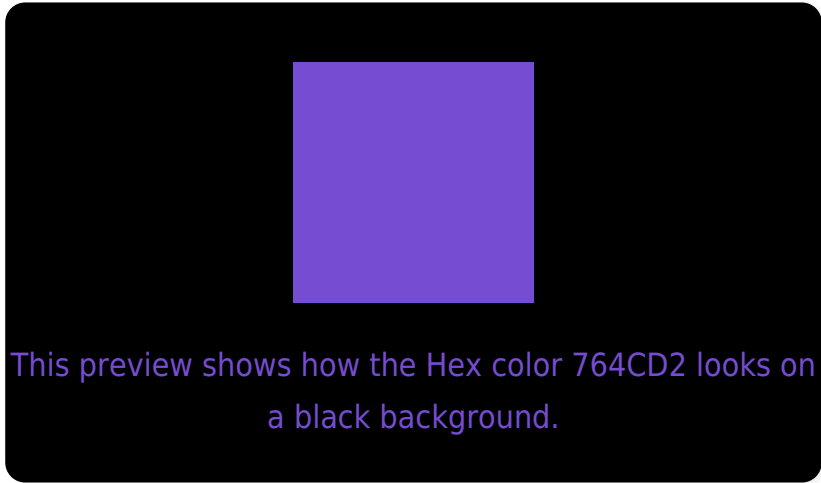
Large Text (above 18pt) WCAG AA ✓ Pass

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

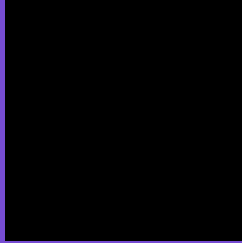
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 764CD2 Background



This preview shows how black text looks on a background with the Hex color 764CD2.

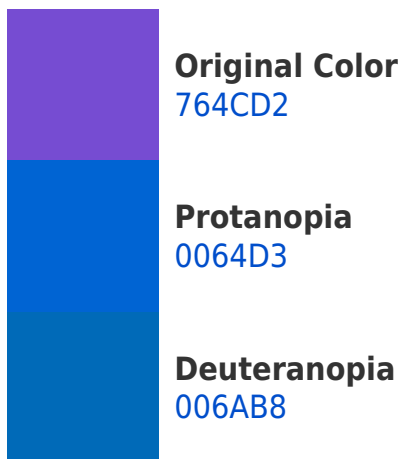


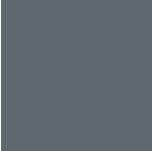
This preview shows how white text looks on a background with the Hex color 764CD2.

# 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](#).

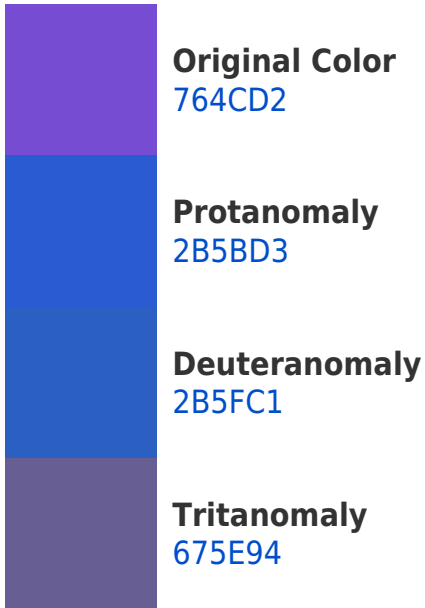
## Dichromacy





**Tritanopia**  
5E6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 764CD2 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 #764CD2 looks like.

```
.text, #text, p{  
  color:#764CD2  
}
```

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 #764CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764CD2
}
```

## Border

The CSS property to change the border of an element to Hex 764CD2 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
#764CD2 }
```

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

```
.border{ border-color:#764CD2 }
```

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

Here you see how a box with a 4 pixel #764CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764CD2; -webkit-box-shadow:4px 4px  
4px 4px #764CD2; box-shadow:4px 4px 4px  
4px #764CD2 }
```

# Background

The CSS property to change the background color of an element to Hex 764CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764CD2 }
```

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

```
.background{ background-color:#764CD2 }
```

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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