

# Converting Colors

Hex(716BD4)

Have a look what the booklet for  
Hex(716BD4) contains.

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# Color

**Hex(716BD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	716BD4
RGB	113, 107, 212
RGB Percent	44%, 42%, 83%
CMY	0.5569, 0.5804, 0.1686
CMYK	0.47, 0.50, 0.00, 0.17
HSL	243°, 55%, 63%
HSV	243°, 50%, 83%
XYZ	23.9514, 18.7796, 64.6498
YIQ	120.7640, -30.1290, 33.9270

# Conversions

## Conversions Part 2

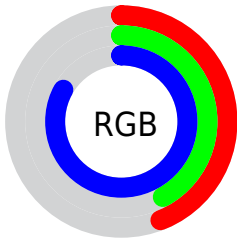
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	113, 107, 212
Decimal	7433172
CIE Lab	50.43, 29.49, -53.57
CIE LCh	50, 61.147, 298.831
Yxy	18.7796, 0.2231, 0.1749
Android (android.graphics.Color)	4285623252 (0xFF716BD4)
YUV	120.7640, 44.9793, -6.8090
Hunter-Lab	43.3354, 22.8197, -58.1168

# Details

The Hex color **716BD4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CED46B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **AA9EFF**, and **373C9D** is the 20% darker color. If you saturate the color by 10%, you get **5D56D4**, and if you desaturate by 10%, it is **8580D4**.

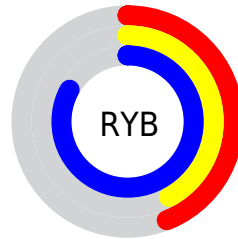
# Distribution



Red (44%)

Green (42%)

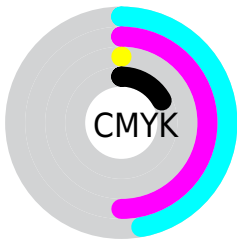
Blue (83%)



Red (44%)

Yellow (42%)

Blue (83%)

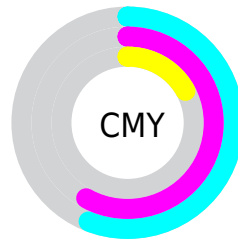


Cyan (47%)

Magenta (50%)

Yellow (0%)

Black (17%)



Cyan (56%)

Magenta (58%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 716BD4 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 716BD4 by changing the saturation by 10% instead.



■ 716BD4

■ 716BD4

FFFFFF

■ 5553B8

■ AA9EFF

■ 373C9D

■ C7B9FF

■ 102682

■ E4D5FF

■ 001268

■ FFF2FF


■ 000050


■ 000538

■ 000221

■ 000006

■ 000000

 716BD4

 716BD4

 5D56D4

 8580D4

 4941D4

 9995D4

 352BD4

 ADABD4

 2116D4

 C1C0D4

 0D01D4

 D5D5D4

 0C00D4

 E9EAD4

 FDFFD4

 FFFFD4

# Harmonies

## Analogous

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



007FE1



716BD4



B452AF

# Triad

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



716BD4



B96019



008F74

# Complementary

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



716BD4



CED46B

# 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.



008C3F



716BD4



927500

# Square

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



716BD4



D14949



5F8305



008FA9

# Rectangle

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



716BD4



CB448E



5F8305



008F62



# Sweetspot

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



716BD4



DBD9FF



6BCFD4



6A6980



000000



808080



# Same Dimension

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



716BD4



7169FF



A56BD4



61606B



0A00AB



02002B



# Inverse Universe

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



D46BCE



FF69F6



9AD46B



6B606A



AB00A1

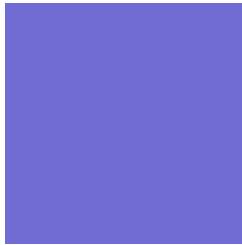


2B0029



# Previews

## White Background



This preview shows how the Hex color 716BD4 looks on a white background.

## Color Contrast Check

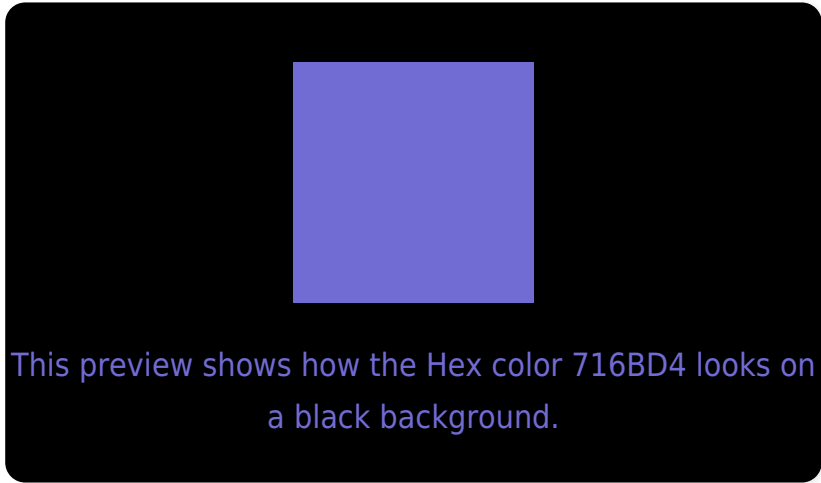
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

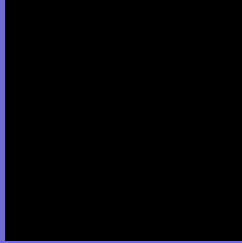
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 716BD4 Background



This preview shows how black text looks on a background with the Hex color 716BD4.

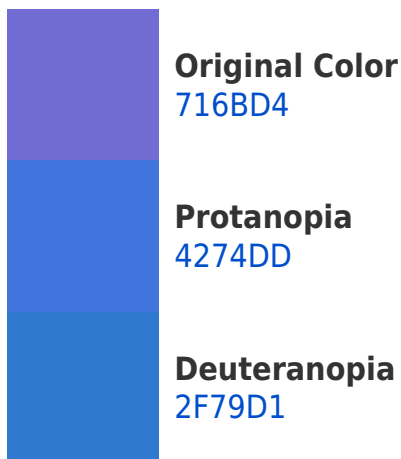


This preview shows how white text looks on a background with the Hex color 716BD4.

# 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](#).

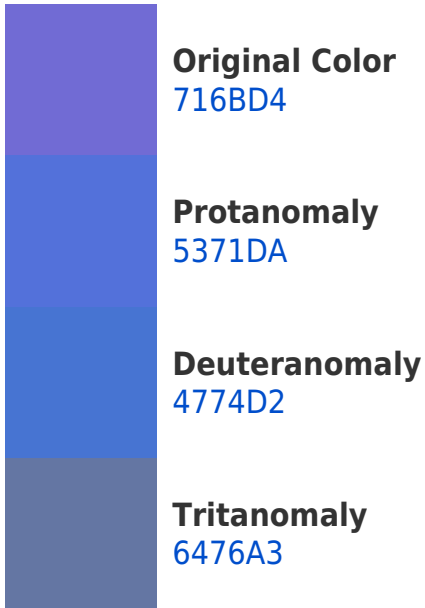
## Dichromacy





**Tritanopia**  
5C7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 716BD4 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 #716BD4 looks like.

```
.text, #text, p{  
    color:#716BD4  
}
```

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 #716BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716BD4
}
```

## Border

The CSS property to change the border of an element to Hex 716BD4 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
#716BD4 }
```

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

```
.border{ border-color:#716BD4 }
```

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

Here you see how a box with a 4 pixel #716BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716BD4; -webkit-box-shadow:4px 4px  
4px 4px #716BD4; box-shadow:4px 4px 4px  
4px #716BD4 }
```

# Background

The CSS property to change the background color of an element to Hex 716BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716BD4 }
```

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

```
.background{ background-color:#716BD4 }
```

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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