

# Converting Colors

Hex(706DD4)

Have a look what the booklet for  
Hex(706DD4) contains.

<b>Hex(706DD4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(706DD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	706DD4
RGB	112, 109, 212
RGB Percent	44%, 43%, 83%
CMY	0.5608, 0.5725, 0.1686
CMYK	0.47, 0.49, 0.00, 0.17
HSL	242°, 54%, 63%
HSV	242°, 49%, 83%
XYZ	24.0344, 19.1355, 64.7141
YIQ	121.6390, -31.2750, 32.6690

# Conversions

## Conversions Part 2

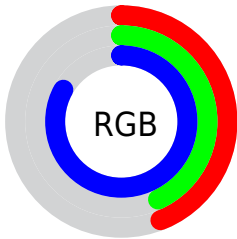
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 109, 212
Decimal	7368148
CIE <sub>Lab</sub>	50.85, 28.05, -52.90
CIE <sub>LCh</sub>	51, 59.882, 297.936
Yxy	19.1355, 0.2228, 0.1774
Android (android.graphics.Color)	4285558228 (0xFF706DD4)
YUV	121.6390, 44.5480, -8.4534
Hunter-Lab	43.7441, 21.5213, -57.0915

# Details

The Hex color **706DD4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D1D46D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A9A1FF**, and **363E9D** is the 20% darker color. If you saturate the color by 10%, you get **5B58D4**, and if you desaturate by 10%, it is **8582D4**.

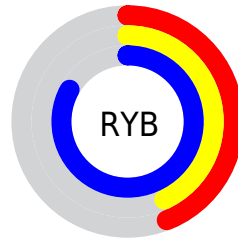
# Distribution



Red (44%)

Green (43%)

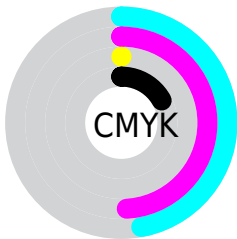
Blue (83%)



Red (44%)

Yellow (43%)

Blue (83%)

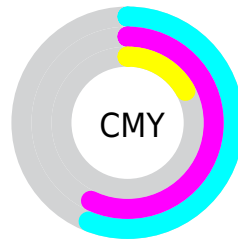


Cyan (47%)

Magenta (49%)

Yellow (0%)

Black (17%)



Cyan (56%)

Magenta (57%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 706DD4 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 706DD4 by changing the saturation by 10% instead.



■ 706DD4

■ 706DD4

FFFFFF

■ 5455B8

■ A9A1FF

■ 363E9D

■ C6BCFF

■ 0E2882

■ E3D7FF

■ 001468

■ FFF4FF

■ 000050

■ 000538

■ 000221

■ 000006

■ 000000

 706DD4

 706DD4

 5B58D4

 8582D4

 4743D4

 9997D4

 322DD4

 AEADD4

 1E18D4

 C2C2D4

 0903D4

 D7D7D4

 0600D4

 EBECD4

 FFFFD4

# Harmonies

## Analogous

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



0080E0



706DD4



B355B0

# Triad

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



706DD4



BB611F



009074

# Complementary

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



706DD4



D1D46D

# 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



706DD4



947600

# Square

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



706DD4



D14B4C



62840B



0090A8

# Rectangle

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



706DD4



CA4790



62840B



008F62



# Sweetspot

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



706DD4



DAD9FF



6DD2D4



696980



000000



808080



# Same Dimension

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



706DD4



6F6BFF



A26DD4



61606B



0500AB



01002B



# Inverse Universe

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



D46DD1



FF6BFB



9FD46D



6B606B



AB00A6



2B002A



# Previews

## White Background



This preview shows how the Hex color 706DD4 looks on a white background.

## Color Contrast Check

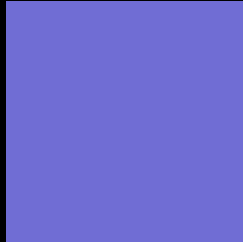
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 706DD4 looks on a 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 706DD4 Background



This preview shows how black text looks on a background with the Hex color 706DD4.

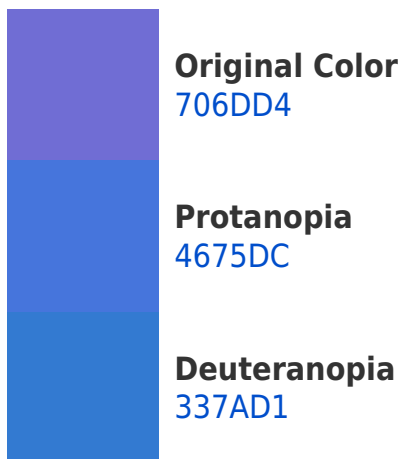


This preview shows how white text looks on a background with the Hex color 706DD4.

# 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](#).

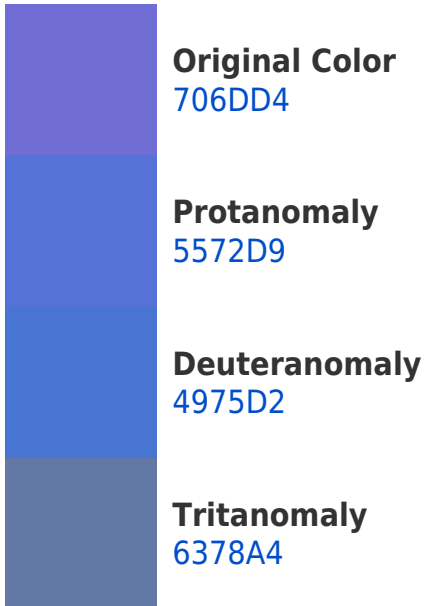
## Dichromacy



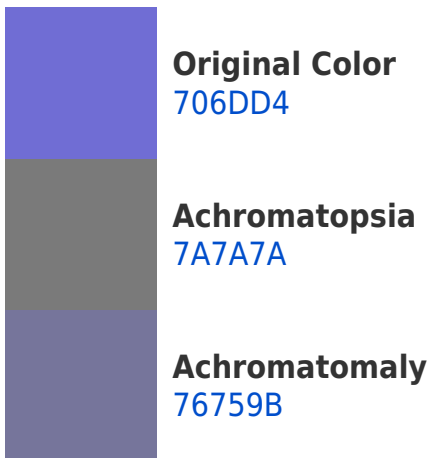


**Tritanopia**  
5B7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 706DD4 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 #706DD4 looks like.

```
.text, #text, p{  
    color:#706DD4  
}
```

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 #706DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #706DD4
}
```

## Border

The CSS property to change the border of an element to Hex 706DD4 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
#706DD4 }
```

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

```
.border{ border-color:#706DD4 }
```

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

Here you see how a box with a 4 pixel #706DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #706DD4; -webkit-box-shadow:4px 4px  
4px 4px #706DD4; box-shadow:4px 4px 4px  
4px #706DD4 }
```

# Background

The CSS property to change the background color of an element to Hex 706DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#706DD4 }
```

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

```
.background{ background-color:#706DD4 }
```

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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