

# Converting Colors

Hex(676AD0)

Have a look what the booklet for  
Hex(676AD0) contains.

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# Color

**Hex(676AD0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676AD0
RGB	103, 106, 208
RGB Percent	40%, 42%, 82%
CMY	0.5961, 0.5843, 0.1843
CMYK	0.50, 0.49, 0.00, 0.18
HSL	238°, 53%, 61%
HSV	238°, 50%, 82%
XYZ	22.1327, 17.7457, 61.9332
YIQ	116.7310, -34.5300, 31.0860

# Conversions

## Conversions Part 2

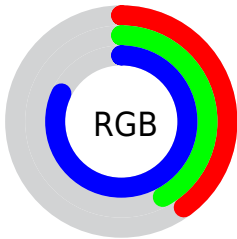
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	103, 106, 208
Decimal	6777552
CIE Lab	49.19, 26.64, -53.32
CIE LCh	49, 59.604, 296.544
Yxy	17.7457, 0.2174, 0.1743
Android (android.graphics.Color)	4284967632 (0xFF676AD0)
YUV	116.7310, 44.9956, -12.0421
Hunter-Lab	42.1256, 20.0636, -57.6804

# Details

The Hex color **676AD0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D0CD67**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A09DFF**, and **2A3B99** is the 20% darker color. If you saturate the color by 10%, you get **5256D0**, and if you desaturate by 10%, it is **7C7ED0**.

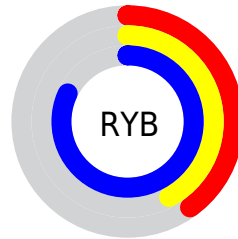
# Distribution



Red (40%)

Green (42%)

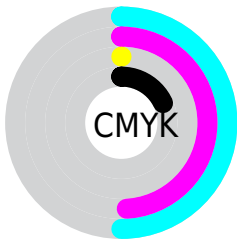
Blue (82%)



Red (40%)

Yellow (42%)

Blue (82%)

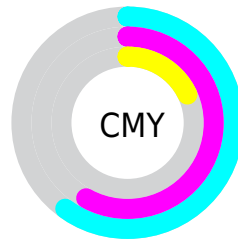


Cyan (50%)

Magenta (49%)

Yellow (0%)

Black (18%)



Cyan (60%)

Magenta (58%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 676AD0 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 676AD0 by changing the saturation by 10% instead.



676AD0

676AD0

FFFFFF

4A52B4

A09DFF

2A3B99

BDB8FF

00267E

DAD4FF

001265

F8F0FF

00004C

000434

00021E

000000

676AD0

676AD0

■ 5256D0

■ 7C7ED0

■ 3D42D0

■ 9192D0

■ 292DD0

■ A5A7D0

■ 1419D0

■ BABBD0

■ 0006D0

■ CFCFD0

■ E4E3D0

■ F9F7D0

■ FFFFD0

# Harmonies

## Analogous

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



007DDA



676AD0



AC52AD

# Triad

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



676AD0



B75C1D



008B6D

# Complementary

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



676AD0



D0CD67

# 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.



008839



676AD0



917100

# Square

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



676AD0



CC464B



617F01



008CA1

# Rectangle

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



676AD0



C4448E



617F01



008B5C



# Sweetspot

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



676AD0



D9DAFF



67D0CD



696980



000000



808080



# Same Dimension

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



676AD0



6368FF



9867D0



5E5E69



0005A8



000129



# Inverse Universe

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



D0676A



FF6368



9FD067



695E5E



A80005

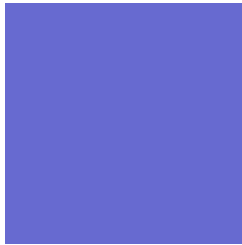


290001



# Previews

## White Background



This preview shows how the Hex color 676AD0 looks on a white background.

## Color Contrast Check

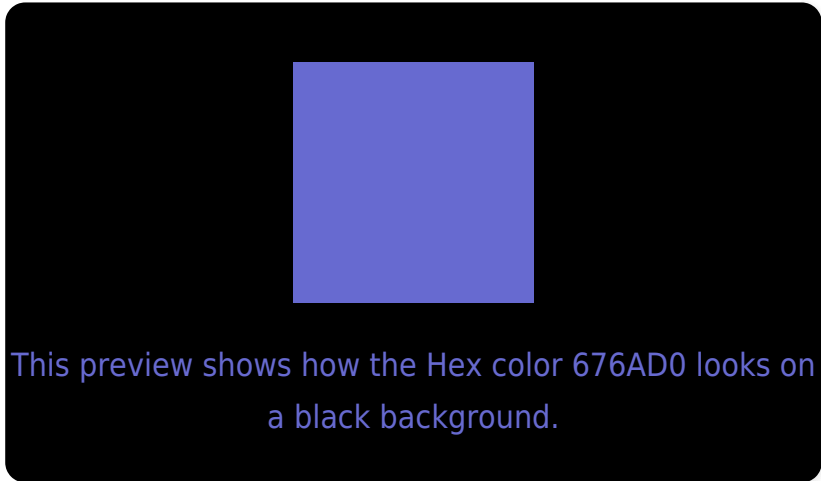
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

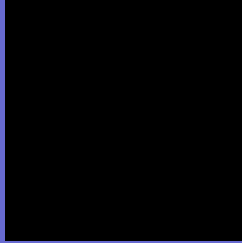
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 676AD0 Background



This preview shows how black text looks on a background with the Hex color 676AD0.

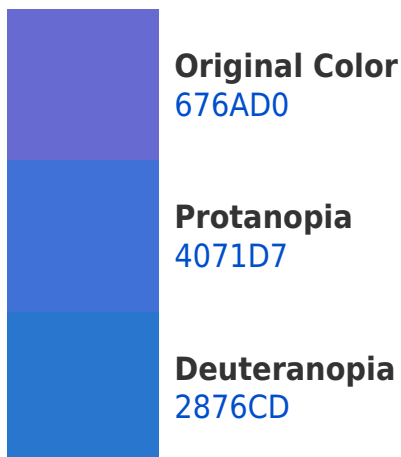



This preview shows how white text looks on a background with the Hex color 676AD0.

# 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](#).

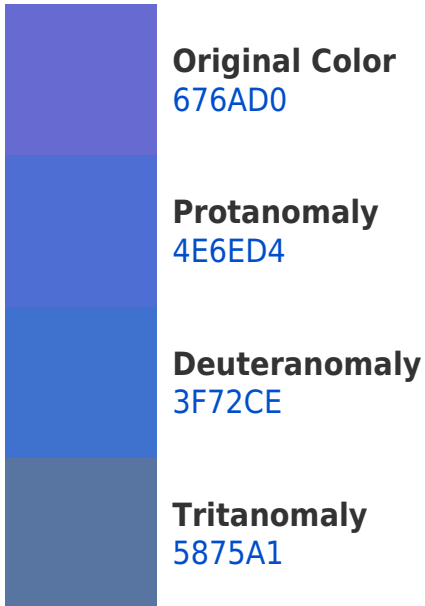
## Dichromacy



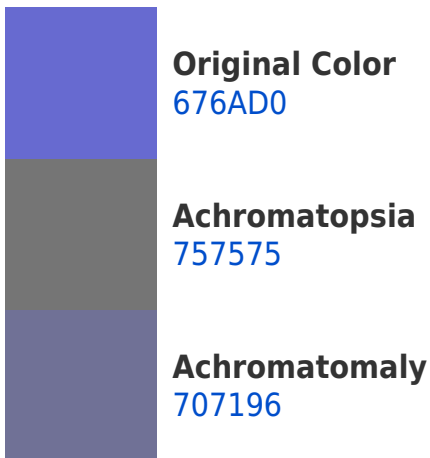


**Tritanopia**  
507C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 676AD0 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 #676AD0 looks like.

```
.text, #text, p{  
    color:#676AD0  
}
```

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 #676AD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676AD0
}
```

## Border

The CSS property to change the border of an element to Hex 676AD0 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
#676AD0 }
```

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

```
.border{ border-color:#676AD0 }
```

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

Here you see how a box with a 4 pixel #676AD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676AD0; -webkit-box-shadow:4px 4px  
4px 4px #676AD0; box-shadow:4px 4px 4px  
4px #676AD0 }
```

# Background

The CSS property to change the background color of an element to Hex 676AD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676AD0 }
```

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

```
.background{ background-color:#676AD0 }
```

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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