

# Converting Colors

Hex(696AD7)

Have a look what the booklet for  
Hex(696AD7) contains.

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# Color

**Hex(696AD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	696AD7
RGB	105, 106, 215
RGB Percent	41%, 42%, 84%
CMY	0.5882, 0.5843, 0.1569
CMYK	0.51, 0.51, 0.00, 0.16
HSL	239°, 58%, 63%
HSV	239°, 51%, 84%
XYZ	23.2455, 18.2176, 66.5812
YIQ	118.1270, -35.5850, 33.6870

# Conversions

## Conversions Part 2

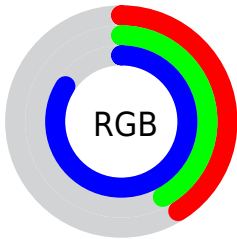
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 106, 215
Decimal	6908631
CIE <sub>Lab</sub>	49.76, 29.24, -56.38
CIE <sub>LCh</sub>	50, 63.510, 297.411
Yxy	18.2176, 0.2151, 0.1686
Android (android.graphics.Color)	4285098711 (0xFF696AD7)
YUV	118.1270, 47.7584, -11.5124
Hunter-Lab	42.6821, 22.5208, -62.6109

# Details

The Hex color **696AD7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D7D669**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A39DFF**, and **2B3B9F** is the 20% darker color. If you saturate the color by 10%, you get **5355D7**, and if you desaturate by 10%, it is **7E7FD7**.

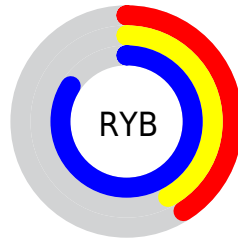
# Distribution



Red (41%)

Green (42%)

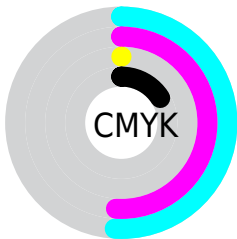
Blue (84%)



Red (41%)

Yellow (42%)

Blue (84%)

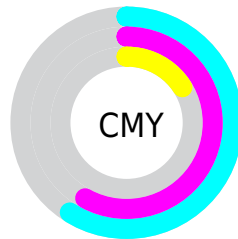


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (16%)



Cyan (59%)

Magenta (58%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696AD7 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 696AD7 by changing the saturation by 10% instead.



■ 696AD7

■ 696AD7

FFFFFF

■ 4B52BB

■ A39DFF

■ 2B3B9F

■ C0B8FF

■ 002585

■ DDD4FF

■ 00126B

■ FBF0FF

■ 000052

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 696AD7

■ 696AD7

■ 5355D7

■ 7E7FD7

■ 3E3FD7

■ 9495D7

■ 282AD7

■ AAAAD7

■ 1315D7

■ BFBFD7

■ 0002D7

■ D5D5D7

■ EAEAD7

■ FFFFD7

# Harmonies

## Analogous

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



007EE3



696AD7



B24FB1

# Triad

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



696AD7



BB5C15



008E70

# Complementary

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



696AD7



D7D669

# 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.



008A38



696AD7



937200

# Square

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



696AD7



D24348



5E8200



008EA7

# Rectangle

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



696AD7



CB3F8F



5E8200



008D5D



# Sweetspot

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



696AD7



D9D9FF



69D7D5



696980



000000



808080



# Same Dimension

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



696AD7



6365FF



9E69D7



60606B



0002AB



00002B



# Inverse Universe

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



D7696A



FF6365



A2D769



6B6060



AB0002

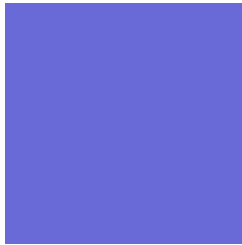


2B0000



# Previews

## White Background



This preview shows how the Hex color 696AD7 looks on a white background.

## Color Contrast Check

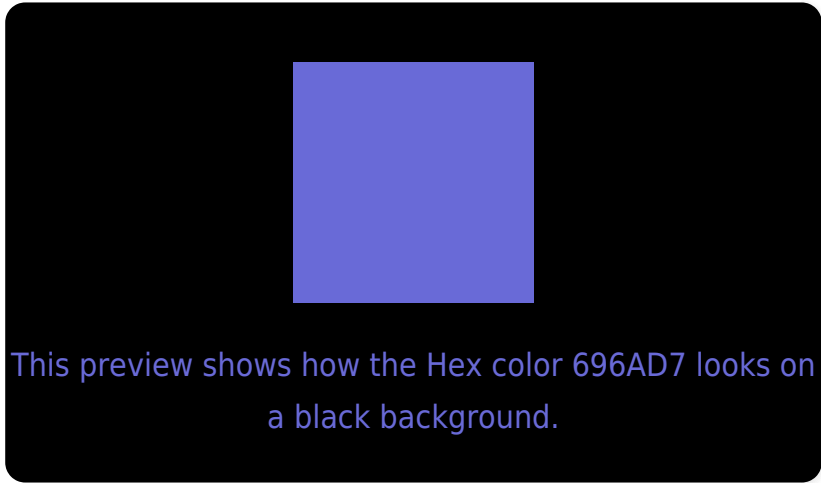
Large Text (above 18pt) WCAG AA ✓ Pass

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

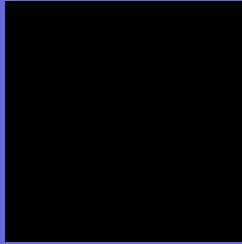
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 696AD7 Background



This preview shows how black text looks on a background with the Hex color 696AD7.

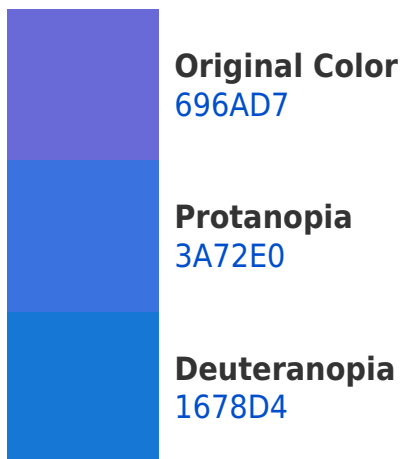



This preview shows how white text looks on a background with the Hex color 696AD7.

# 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](#).

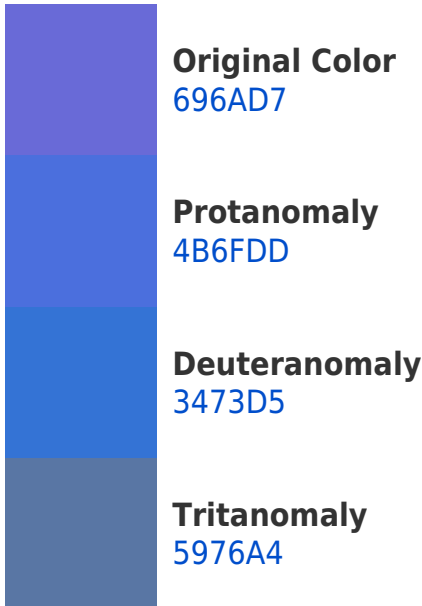
## Dichromacy



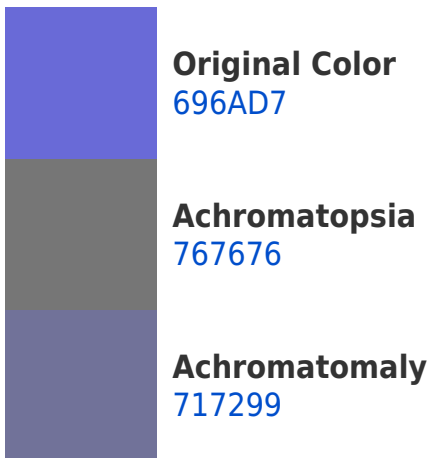


**Tritanopia**  
507D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696AD7 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 #696AD7 looks like.

```
.text, #text, p{  
    color:#696AD7  
}
```

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 #696AD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696AD7
}
```

## Border

The CSS property to change the border of an element to Hex 696AD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

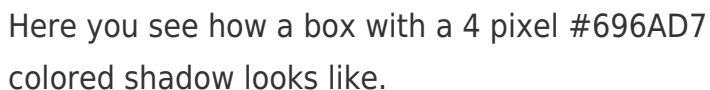
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696AD7 }
```

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

```
.border{ border-color:#696AD7 }
```

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



Here you see how a box with a 4 pixel #696AD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696AD7; -webkit-box-shadow:4px 4px  
4px 4px #696AD7; box-shadow:4px 4px 4px  
4px #696AD7 }
```

# Background

The CSS property to change the background color of an element to Hex 696AD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696AD7 }
```

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

```
.background{ background-color:#696AD7 }
```

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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