

# Converting Colors

Hex(696BD7)

Have a look what the booklet for  
Hex(696BD7) contains.

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# Color

**Hex(696BD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	696BD7
RGB	105, 107, 215
RGB Percent	41%, 42%, 84%
CMY	0.5882, 0.5804, 0.1569
CMYK	0.51, 0.50, 0.00, 0.16
HSL	239°, 58%, 63%
HSV	239°, 51%, 84%
XYZ	23.3491, 18.4249, 66.6157
YIQ	118.7140, -35.8600, 33.1640

# Conversions

## Conversions Part 2

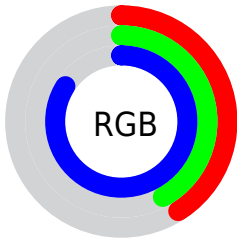
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 107, 215
Decimal	6908887
CIE Lab	50.01, 28.63, -55.98
CIE LCh	50, 62.877, 297.088
Yxy	18.4249, 0.2154, 0.1700
Android (android.graphics.Color)	4285098967 (0xFF696BD7)
YUV	118.7140, 47.4690, -12.0272
Hunter-Lab	42.9243, 21.9795, -61.9672

# Details

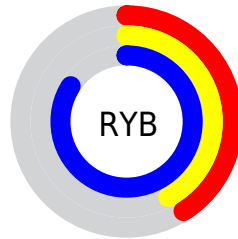
The Hex color **696BD7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D7D569**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A39EFF**, and **2B3C9F** is the 20% darker color. If you saturate the color by 10%, you get **5356D7**, and if you desaturate by 10%, it is **7E80D7**.

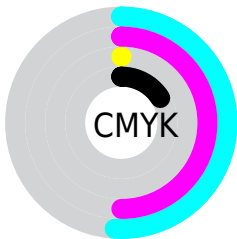
# Distribution



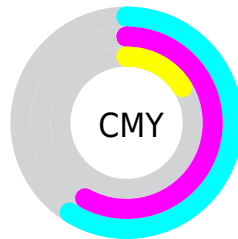
- Red (41%)
- Green (42%)
- Blue (84%)



- Red (41%)
- Yellow (42%)
- Blue (84%)



- Cyan (51%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (59%)
- Magenta (58%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 696BD7 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 696BD7 by changing the saturation by 10% instead.



■ 696BD7

■ 696BD7

FFFFFF

■ 4C53BB

■ A39EFF

■ 2B3C9F

■ C0B9FF

■ 002685

■ DDD5FF

■ 00136B

■ FBF1FF

■ 000052

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 696BD7

■ 696BD7

■ 5356D7

■ 7E80D7

■ 3E41D7

■ 9495D7

■ 282CD7

■ AAAAD7

■ 1317D7

■ BFBFD7

■ 0004D7

■ D5D5D7

■ EAEAD7

■ FFFFD7

# Harmonies

## Analogous

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



007FE2



696BD7



B250B2

# Triad

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



696BD7



BB5D17



008F70

# Complementary

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



696BD7



D7D569

# 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.



008B39



696BD7



947300

# Square

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



696BD7



D2444A



608200



008FA6

# Rectangle

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



696BD7



CA4190



608200



008E5D



# Sweetspot

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



696BD7



D9D9FF



69D7D3



696980



000000



808080



# Same Dimension

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



696BD7



6366FF



9C69D7



60616B



0003AB



00012B



# Inverse Universe

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



D7696B



FF6366



A4D769



6B6061



AB0003

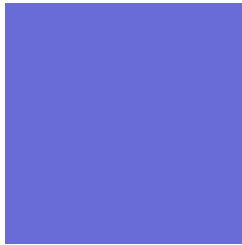


2B0001



# Previews

## White Background



This preview shows how the Hex color 696BD7 looks on a white background.

## Color Contrast Check

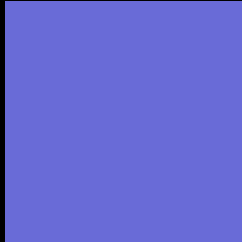
Large Text (above 18pt) WCAG AA ✓ Pass

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 696BD7 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 696BD7 Background



This preview shows how black text looks on a background with the Hex color 696BD7.

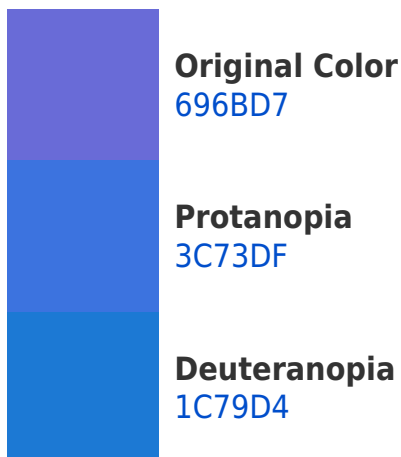


This preview shows how white text looks on a background with the Hex color 696BD7.

# 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**  
507E88

# Trichromacy



**Original Color**  
696BD7

**Protanomaly**  
4C70DC

**Deuteranomaly**  
3874D5

**Tritanomaly**  
5977A5

# Monochromacy



**Original Color**  
696BD7

**Achromatopsia**  
777777

**Achromatomaly**  
72739A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 696BD7 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 #696BD7 looks like.

```
.text, #text, p{  
    color:#696BD7  
}
```

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 #696BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #696BD7
}
```

## Border

The CSS property to change the border of an element to Hex 696BD7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

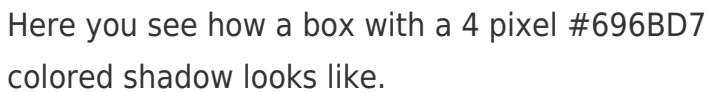
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#696BD7 }
```

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

```
.border{ border-color:#696BD7 }
```

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



Here you see how a box with a 4 pixel #696BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #696BD7; -webkit-box-shadow:4px 4px  
4px 4px #696BD7; box-shadow:4px 4px 4px  
4px #696BD7 }
```

# Background

The CSS property to change the background color of an element to Hex 696BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#696BD7 }
```

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

```
.background{ background-color:#696BD7 }
```

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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