

# Converting Colors

Hex(696BEA)

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

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# Color

**Hex(696BEA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	696BEA
RGB	105, 107, 234
RGB Percent	41%, 42%, 92%
CMY	0.5882, 0.5804, 0.0824
CMYK	0.55, 0.54, 0.00, 0.08
HSL	239°, 75%, 66%
HSV	239°, 55%, 92%
XYZ	25.9347, 19.4592, 80.2310
YIQ	120.8800, -41.9590, 39.0730

# Conversions

## Conversions Part 2

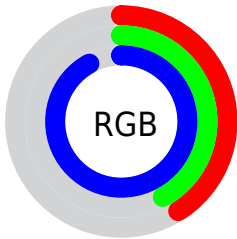
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	105, 107, 234
Decimal	6908906
CIE <sub>Lab</sub>	51.22, 34.56, -64.75
CIE <sub>LCh</sub>	51, 73.394, 298.092
Y <sub>xy</sub>	19.4592, 0.2064, 0.1549
Android (android.graphics.Color)	4285098986 (0xFF696BEA)
Y <sub>UV</sub>	120.8800, 55.7682, -13.9268
Hunter-Lab	44.1125, 27.7469, -76.9567

# Details

The Hex color **696BEA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **EAE869**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A59EFF**, and **233CB1** is the 20% darker color. If you saturate the color by 10%, you get **5254EA**, and if you desaturate by 10%, it is **8082EA**.

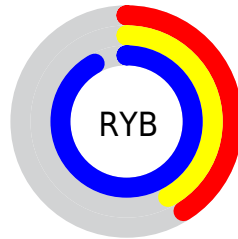
# Distribution



Red (41%)

Green (42%)

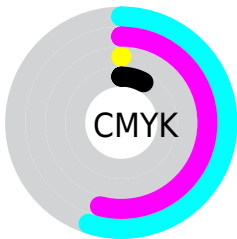
Blue (92%)



Red (41%)

Yellow (42%)

Blue (92%)

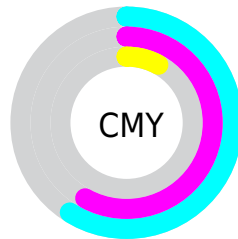


Cyan (55%)

Magenta (54%)

Yellow (0%)

Black (8%)



Cyan (59%)

Magenta (58%)

Yellow (8%)

# Brightness & Saturation Gradients

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



■ 696BEA

■ 696BEA

FFFFFF

■ 4953CD

■ A59EFF

■ 233CB1

■ C3B9FF

■ 002696

■ E1D5FF

■ 00137B

■ FFF2FF

■ 000062

■ 000949

■ 000431

■ 00011B

■ 000000

■ 696BEA

■ 696BEA

■ 5254EA

■ 8082EA

■ 3A3DEA

■ 9899EA

■ 2326EA

■ AFB0EA

■ 0B0FEA

■ C7C7EA

■ 0004EA

■ DEDEEA

■ F5F5EA

■ FFFFEA

# Harmonies

## Analogous

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



0083F9



696BEA



C048BD

# Triad

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



696BEA



C65B00



009574

# Complementary

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



696BEA



EAE869

# 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.



009031



696BEA



977600

# Square

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



696BEA



E23843



5A8700



0095B4

# Rectangle

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



696BEA



DC3096



5A8700



00945E



# Sweetspot

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



696BEA



D4D4FF



69EAE8



666680



000000



808080



# Same Dimension

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



696BEA



5759FF



A769EA



6A6A75



0003B5



000136



# Inverse Universe

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



EA696B



FF5759



ACEA69



756A6A



B50003

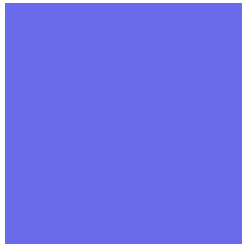


360001



# Previews

## White Background



This preview shows how the Hex color 696BEA 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

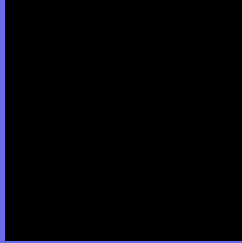
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 696BEA Background



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




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

# 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](#).

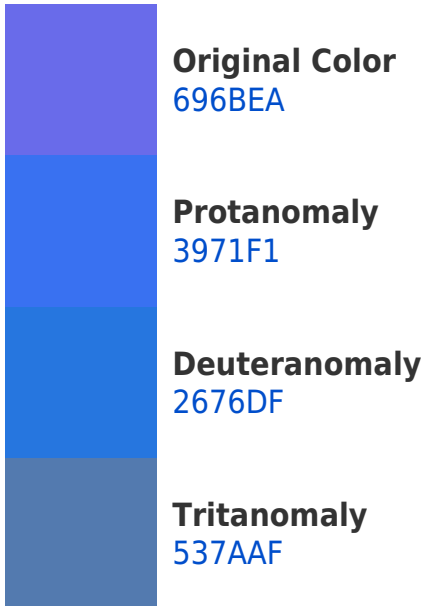
## Dichromacy





**Tritanopia**  
47838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #696BEA colored shadow looks like.

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

## Border

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

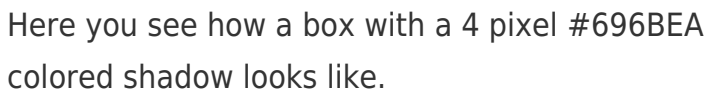
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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