

# Converting Colors

Hex(675EAA)

Have a look what the booklet for  
Hex(675EAA) contains.

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# Color

**Hex(675EAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	675EAA
RGB	103, 94, 170
RGB Percent	40%, 37%, 67%
CMY	0.5961, 0.6314, 0.3333
CMYK	0.39, 0.45, 0.00, 0.33
HSL	247°, 31%, 52%
HSV	247°, 45%, 67%
XYZ	16.8519, 13.7913, 39.8040
YIQ	105.3550, -19.0320, 25.5440

# Conversions

## Conversions Part 2

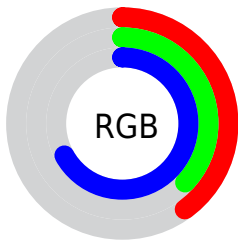
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 94, 170
Decimal	6774442
CIE <sub>Lab</sub>	43.93, 22.56, -39.67
CIE <sub>LCh</sub>	44, 45.642, 299.629
Yxy	13.7913, 0.2392, 0.1958
Android (android.graphics.Color)	4284964522 (0xFF675EAA)
YUV	105.3550, 31.8700, -2.0653
Hunter-Lab	37.1366, 16.0111, -37.5530

# Details

The Hex color **675EAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A1AA5E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9D90E2**, and **323075** is the 20% darker color. If you saturate the color by 10%, you get **584DAA**, and if you desaturate by 10%, it is **766FAA**.

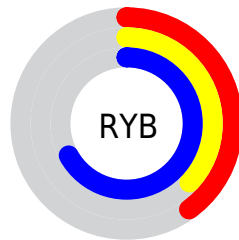
# Distribution



Red (40%)

Green (37%)

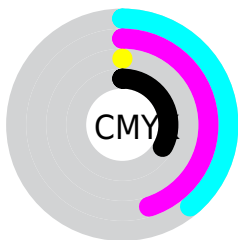
Blue (67%)



Red (40%)

Yellow (37%)

Blue (67%)

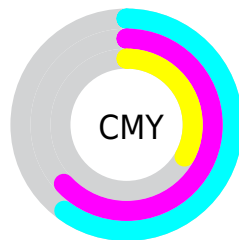


Cyan (39%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (63%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675EAA 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 675EAA by changing the saturation by 10% instead.



■ 675EAA

■ 675EAA

FFFFFF

■ 4D468F

■ 9D90E2

■ 323075

■ B9ABFF

■ 161B5C

■ D5C6FF

■ 000344

■ F2E2FF

■ 00032D

■ 000117

■ 000000

■ 675EAA

■ 675EAA

■ 584DAA

■ 766FAA

493CAA

8580AA

3A2BAA

9491AA

2B1AAA

A3A2AA

1C09AA

B2B3AA

1400AA

C1C4AA

D0D5AA

DFE6AA

EEF7AA

# Harmonies

## Analogous

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



006CB4



675EAA



954E8F

# Triad

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



675EAA



995725



007A66

# Complementary

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



675EAA



A1AA5E

# 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.



1C7740



675EAA



7C6614

# Square

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



675EAA



AA4945



567120



007A8C

# Rectangle

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



675EAA



A64677



567120



007959



# Sweetspot

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



675EAA



C4C1DE



5EA1AA



605E70



F0F0F0



707070



# Same Dimension

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



675EAA



7466DE



8D5EAA



4D4C54



120094



020014



# Inverse Universe

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



AA5EA1



DE66D0



7BAA5E



544C53



940082



140012



# Previews

## White Background



This preview shows how the Hex color 675EAA looks on a white background.

## Color Contrast Check

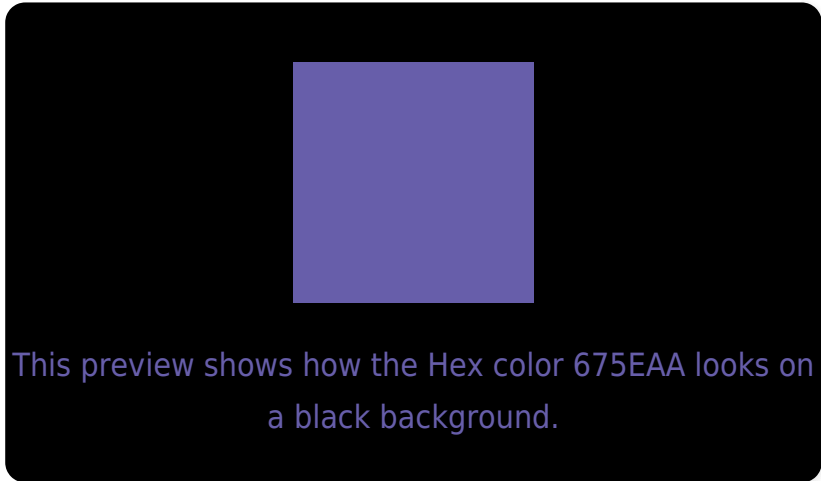
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

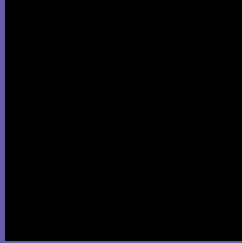
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675EAA Background



This preview shows how black text looks on a background with the Hex color 675EAA.



This preview shows how white text looks on a background with the Hex color 675EAA.

# 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](#).

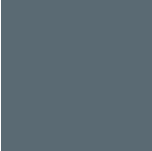
## Dichromacy



**Original Color**  
675EAA

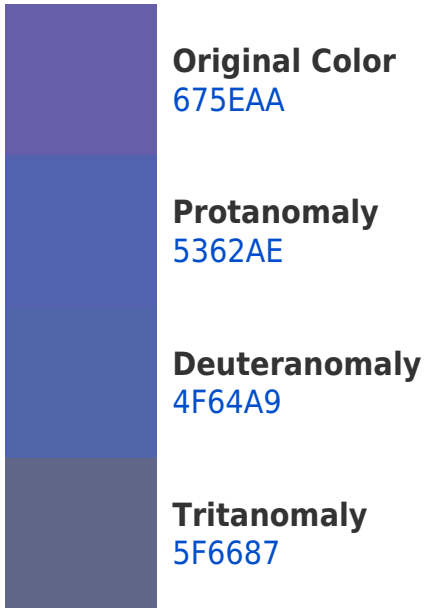
**Protanopia**  
4765B1

**Deuteranopia**  
4268A8



**Tritanopia**  
5A6A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675EAA 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 #675EAA looks like.

```
.text, #text, p{  
    color:#675EAA  
}
```

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 #675EAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675EAA
}
```

## Border

The CSS property to change the border of an element to Hex 675EAA 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
#675EAA }
```

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

```
.border{ border-color:#675EAA }
```

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

Here you see how a box with a 4 pixel #675EAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675EAA; -webkit-box-shadow:4px 4px  
4px 4px #675EAA; box-shadow:4px 4px 4px  
4px #675EAA }
```

# Background

The CSS property to change the background color of an element to Hex 675EAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675EAA }
```

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

```
.background{ background-color:#675EAA }
```

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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