

# Converting Colors

Hex(673E9B)

Have a look what the booklet for  
Hex(673E9B) contains.

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# Color

**Hex(673E9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	673E9B
RGB	103, 62, 155
RGB Percent	40%, 24%, 61%
CMY	0.5961, 0.7569, 0.3922
CMYK	0.34, 0.60, 0.00, 0.39
HSL	266°, 43%, 43%
HSV	266°, 60%, 61%
XYZ	13.2325, 8.6954, 31.9913
YIQ	84.8610, -5.4170, 37.6150

# Conversions

## Conversions Part 2

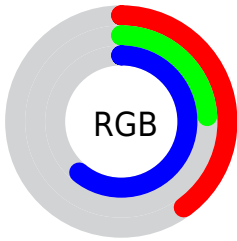
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 62, 155
Decimal	6766235
CIE <sub>Lab</sub>	35.39, 37.63, -44.35
CIE <sub>LCh</sub>	35, 58.166, 310.310
Yxy	8.6954, 0.2454, 0.1613
Android (android.graphics.Color)	4284956315 (0xFF673E9B)
YUV	84.8610, 34.5785, 15.9079
Hunter-Lab	29.4879, 28.4970, -43.6819

# Details

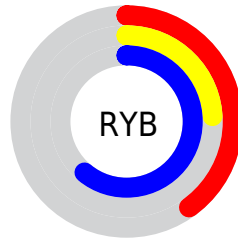
The Hex color **673E9B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **729B3E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9D6FD2**, and **320E67** is the 20% darker color. If you saturate the color by 10%, you get **5E2F9B**, and if you desaturate by 10%, it is **704E9B**.

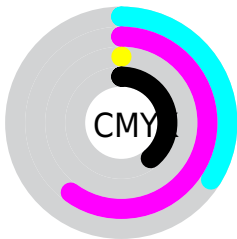
# Distribution



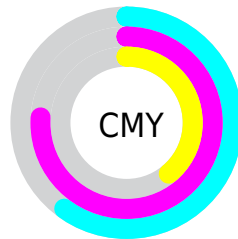
- Red (40%)
- Green (24%)
- Blue (61%)



- Red (40%)
- Yellow (24%)
- Blue (61%)



- Cyan (34%)
- Magenta (60%)
- Yellow (0%)
- Black (39%)



- Cyan (60%)
- Magenta (76%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 673E9B 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 673E9B by changing the saturation by 10% instead.



673E9B

673E9B

FFFFFF

4D2681

9D6FD2

320E67

B989EF

17004E

D6A4FF

000037

F3C0FF

000220

FFDCFF

000005

FFF8FF

000000

673E9B

673E9B

5E2F9B

704E9B

561F9B

785D9B

4D0F9B

816C9B

44009B

8A7C9B

928B9B

9B9B9B

A4AB9B

ACBA9B

B5CA9B

# Harmonies

## Analogous

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



0054B0



673E9B



952174

# Triad

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



673E9B



7E4500



006763

# Complementary

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



673E9B



729B3E

# 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.



006532



673E9B



585600

# Square

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



673E9B



992C18



1F6000



00668F

# Rectangle

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



673E9B



A11255



1F6000



006752



# Sweetspot

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



673E9B



B5A5C9



3E739B



595066



E6E6E6



666666



# Same Dimension

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



673E9B



7838C9



953E9B



48454D



3E008C



06000D



# Inverse Universe

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



9B3E72



C9388A



449B3E



4D4549



8C004E

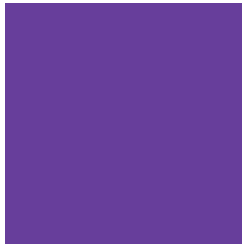


0D0007



# Previews

## White Background



This preview shows how the Hex color 673E9B 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

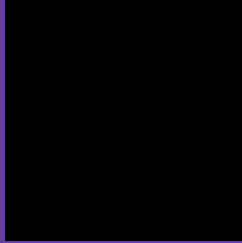
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 673E9B Background



This preview shows how black text looks on a background with the Hex color 673E9B.

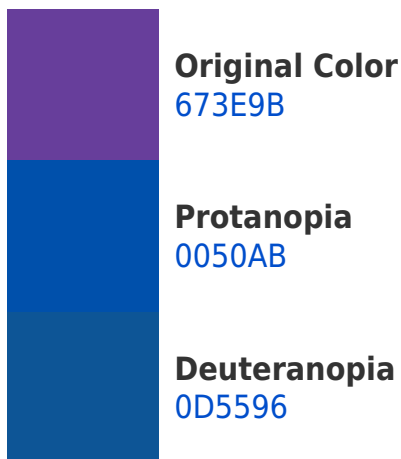


This preview shows how white text looks on a background with the Hex color 673E9B.

# 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**  
5A5157

# Trichromacy



**Original Color**  
673E9B



**Protanomaly**  
2549A5



**Deuteranomaly**  
2E4D98



**Tritanomaly**  
5F4A70

# Monochromacy



**Original Color**  
673E9B



**Achromatopsia**  
555555



**Achromatomaly**  
5C4D6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 673E9B 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 #673E9B looks like.

```
.text, #text, p{  
    color:#673E9B  
}
```

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 #673E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #673E9B
}
```

## Border

The CSS property to change the border of an element to Hex 673E9B 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
#673E9B }
```

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

```
.border{ border-color:#673E9B }
```

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

Here you see how a box with a 4 pixel #673E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #673E9B; -webkit-box-shadow:4px 4px  
4px 4px #673E9B; box-shadow:4px 4px 4px  
4px #673E9B }
```

# Background

The CSS property to change the background color of an element to Hex 673E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#673E9B }
```

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

```
.background{ background-color:#673E9B }
```

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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