

# Converting Colors

Hex(675C97)

Have a look what the booklet for  
Hex(675C97) contains.

<b>Hex(675C97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(675C97)

# Conversions

## Conversions Part 1

Format	Color
Hex	675C97
RGB	103, 92, 151
RGB Percent	40%, 36%, 59%
CMY	0.5961, 0.6392, 0.4078
CMYK	0.32, 0.39, 0.00, 0.41
HSL	251°, 24%, 48%
HSV	251°, 39%, 59%
XYZ	15.0066, 12.7722, 30.9525
YIQ	102.0150, -12.3830, 20.6810

# Conversions

## Conversions Part 2

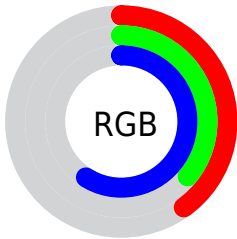
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 92, 151
Decimal	6773911
CIELab	42.42, 18.44, -30.78
CIELCh	42, 35.884, 300.921
Yxy	12.7722, 0.2555, 0.2175
Android (android.graphics.Color)	4284963991 (0xFF675C97)
YUV	102.0150, 24.1496, 0.8638
Hunter-Lab	35.7382, 12.4107, -26.3337

# Details

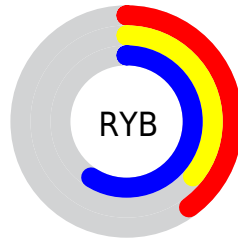
The Hex color **675C97** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C975C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **9C8ECE**, and **352E64** is the 20% darker color. If you saturate the color by 10%, you get **5B4D97**, and if you desaturate by 10%, it is **736B97**.

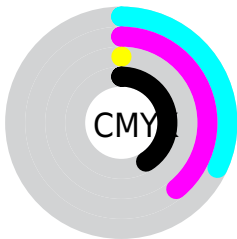
# Distribution



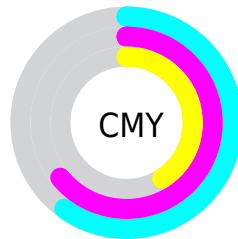
- Red (40%)
- Green (36%)
- Blue (59%)



- Red (40%)
- Yellow (36%)
- Blue (59%)



- Cyan (32%)
- Magenta (39%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (64%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675C97 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 675C97 by changing the saturation by 10% instead.



675C97

675C97

FFFFFF

4E447D

9C8ECE

352E64

B7A9EA

1C194B

D3C4FF

070035

F0E0FF

00021F

FFFDFF

000001

000000

675C97

675C97

5B4D97

736B97

■ 4E3E97

■ 807A97

■ 422F97

■ 8C8997

■ 362097

■ 989897

■ 2A1197

■ A4A897

■ 1D0197

■ B1B797

■ 1C0097

■ BDC697

■ C9D597

■ D6E497

# Harmonies

## Analogous

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



2E679F



675C97



895181

# Triad

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



675C97



8C5831



007364

# Complementary

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



675C97



8C975C

# 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.



2F7146



675C97



746327

# Square

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



675C97



9A4E47



566B2F



007282

# Rectangle

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



675C97



964C6E



566B2F



00725A



# Sweetspot

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



675C97



B1ADC4



5C8C97



585663



E3E3E3



636363



# Same Dimension

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



675C97



7968C4



845C97



46454D



1A008C



02000D



# Inverse Universe

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



975C8C



C468B3



6F975C



4D454B



8C0072



0D000A



# Previews

## White Background



This preview shows how the Hex color 675C97 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

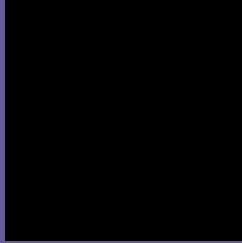
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675C97 Background



This preview shows how black text looks on a background with the Hex color 675C97.

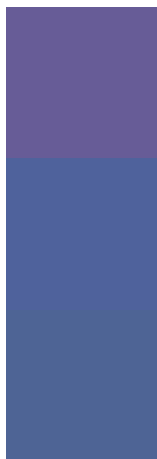


This preview shows how white text looks on a background with the Hex color 675C97.

# 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](#).

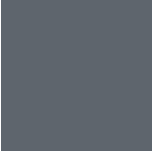
## Dichromacy



**Original Color**  
675C97

**Protanopia**  
4F629C

**Deuteranopia**  
4E6495



**Tritanopia**  
5E656D

# Trichromacy



**Original Color**  
675C97

**Protanomaly**  
58609A

**Deuteranomaly**  
576196

**Tritanomaly**  
61627C

# Monochromacy



**Original Color**  
675C97

**Achromatopsia**  
666666

**Achromatomaly**  
666278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675C97 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 #675C97 looks like.

```
.text, #text, p{  
    color:#675C97  
}
```

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 #675C97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675C97
}
```

## Border

The CSS property to change the border of an element to Hex 675C97 is called "border". The border property can be set on classes, ids or directly on the HTML element.

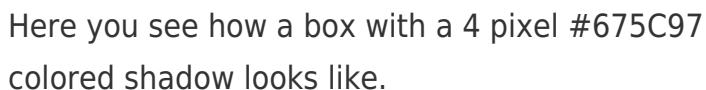
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675C97 }
```

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

```
.border{ border-color:#675C97 }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #675C97 colored shadow looks like."

Here you see how a box with a 4 pixel #675C97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675C97; -webkit-box-shadow:4px 4px  
4px 4px #675C97; box-shadow:4px 4px 4px  
4px #675C97 }
```

# Background

The CSS property to change the background color of an element to Hex 675C97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675C97 }
```

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

```
.background{ background-color:#675C97 }
```

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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