

# Converting Colors

Hex(685C90)

Have a look what the booklet for  
Hex(685C90) contains.

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# Color

Hex(685C90)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	685C90
RGB	104, 92, 144
RGB Percent	41%, 36%, 56%
CMY	0.5922, 0.6392, 0.4353
CMYK	0.28, 0.36, 0.00, 0.44
HSL	254°, 22%, 46%
HSV	254°, 36%, 56%
XYZ	14.5701, 12.6110, 28.0518
YIQ	101.5160, -9.5400, 18.7160

# Conversions

## Conversions Part 2

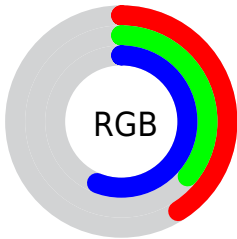
Format	Color
<a href="#">RYB</a>	<a href="#">104, 92, 144</a>
Decimal	<a href="#">6839440</a>
CIELab	<a href="#">42.17, 16.86, -26.97</a>
CIElCh	<a href="#">42, 31.802, 302.011</a>
Yxy	<a href="#">12.6110, 0.2638, 0.2283</a>
Android (android.graphics.Color)	<a href="#">4285029520</a> ( <a href="#">0xFF685C90</a> )
YUV	<a href="#">101.5160, 20.9446, 2.1785</a>
Hunter-Lab	<a href="#">35.5119, 11.0905, -21.9764</a>

# Details

The Hex color **685C90** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **84905C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9C8EC6**, and **372E5D** is the 20% darker color. If you saturate the color by 10%, you get **5D4E90**, and if you desaturate by 10%, it is **736A90**.

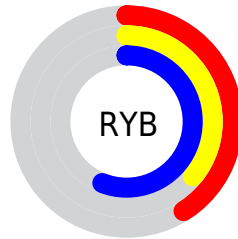
# Distribution



Red (41%)

Green (36%)

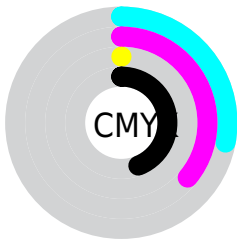
Blue (56%)



Red (41%)

Yellow (36%)

Blue (56%)

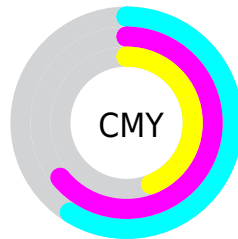


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (64%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 685C90 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 685C90 by changing the saturation by 10% instead.



685C90

685C90

FFFFFF

4F4476

9C8EC6

372E5D

B8A9E2

1F1945

D3C4FF

0C002F

F0E0FF

000119

FFFDFF

000000

685C90

685C90

5D4E90

736A90

523F90

7E7990

473190

898790

3C2290

949690

311490

9FA490

260690

AAB290

210090

B6C190

C1CF90

CCDE90

# Harmonies

## Analogous

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



3B6698



685C90



85537D

# Triad

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



685C90



875936



007164

# Complementary

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



685C90



84905C

# 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.



356F4A



685C90



72632E

# Square

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



685C90



945149



576A36



00707E

# Rectangle

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



685C90



914F6C



576A36



12715B



# Sweetspot

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



685C90



AAA6BA



5C8590



55525E



DEDEDE



5E5E5E



# Same Dimension

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



685C90



7D6ABA



815C90



424047



1F0087



020008



# Inverse Universe

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



905C84



BA6AA8



6B905C



474046



870068



080006



# Previews

## White Background



This preview shows how the Hex color 685C90 looks on a white background.

## Color Contrast Check

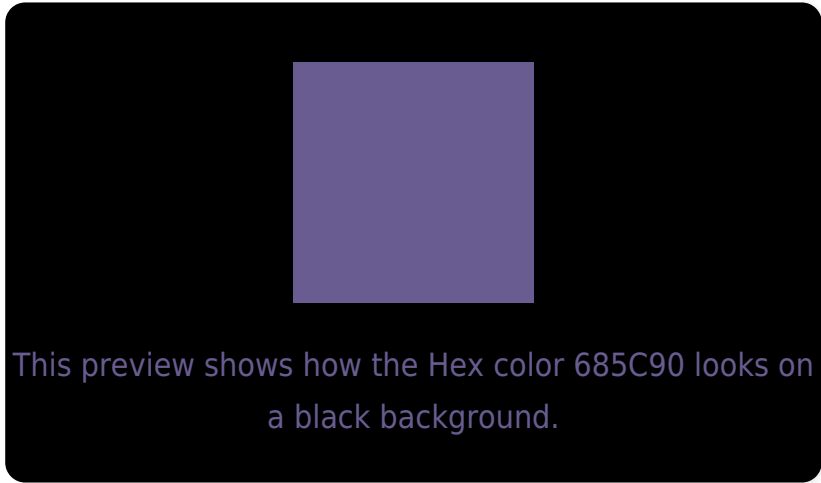
Large Text (above 18pt) WCAG AA ✓ Pass

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

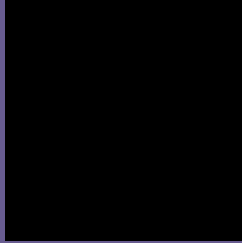
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 685C90 Background



This preview shows how black text looks on a background with the Hex color 685C90.

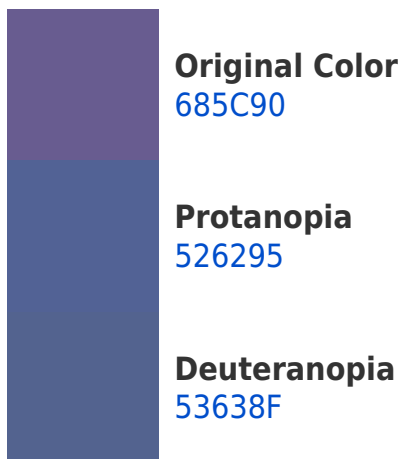


This preview shows how white text looks on a background with the Hex color 685C90.

# 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**  
61646B

# Trichromacy



**Original Color**  
685C90

**Protanomaly**  
5A6093

**Deuteranomaly**  
5B608F

**Tritanomaly**  
646178

# Monochromacy



**Original Color**  
685C90

**Achromatopsia**  
666666

**Achromatomaly**  
676275

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 685C90 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 #685C90 looks like.

```
.text, #text, p{  
    color:#685C90  
}
```

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 #685C90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #685C90
}
```

## Border

The CSS property to change the border of an element to Hex 685C90 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
#685C90 }
```

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

```
.border{ border-color:#685C90 }
```

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

Here you see how a box with a 4 pixel #685C90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #685C90; -webkit-box-shadow:4px 4px  
4px 4px #685C90; box-shadow:4px 4px 4px  
4px #685C90 }
```

# Background

The CSS property to change the background color of an element to Hex 685C90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#685C90 }
```

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

```
.background{ background-color:#685C90 }
```

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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