

# Converting Colors

Hex(665B8B)

Have a look what the booklet for  
Hex(665B8B) contains.

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# Color

**Hex(665B8B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 665B8B                    |
| RGB         | 102, 91, 139              |
| RGB Percent | 40%, 36%, 55%             |
| CMY         | 0.6000, 0.6431, 0.4549    |
| CMYK        | 0.27, 0.35, 0.00, 0.45    |
| HSL         | 254°, 21%, 45%            |
| HSV         | 254°, 35%, 55%            |
| XYZ         | 13.8808, 12.1710, 26.0437 |
| YIQ         | 99.7610, -8.8520, 17.2600 |

# Conversions

## Conversions Part 2

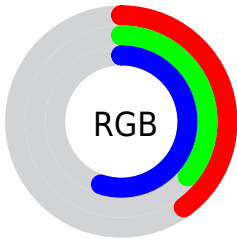
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 102, 91, 139                 |
| Decimal                             | 6708107                      |
| CIE <sub>Lab</sub>                  | 41.49, 15.52, -25.03         |
| CIE <sub>LCh</sub>                  | 41, 29.455, 301.795          |
| Yxy                                 | 12.1710, 0.2664,<br>0.2336   |
| Android<br>(android.graphics.Color) | 4284898187<br>(0xFF665B8B)   |
| YUV                                 | 99.7610, 19.3448,<br>1.9636  |
| Hunter-Lab                          | 34.8870, 9.9690,<br>-19.8401 |

# Details

The Hex color **665B8B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808B5B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9A8DC1**, and **352D59** is the 20% darker color. If you saturate the color by 10%, you get **5B4D8B**, and if you desaturate by 10%, it is **71698B**.

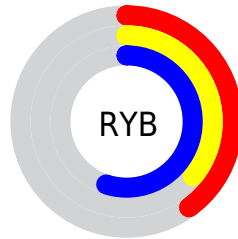
# Distribution



Red (40%)

Green (36%)

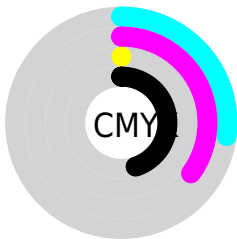
Blue (55%)



Red (40%)

Yellow (36%)

Blue (55%)

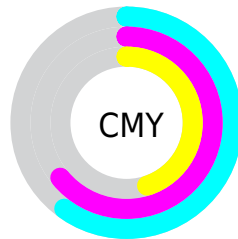


Cyan (27%)

Magenta (35%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (64%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665B8B 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 665B8B by changing the saturation by 10% instead.



■ 665B8B

■ 665B8B

FFFFFF

■ 4D4371

■ 9A8DC1

■ 352D59

■ B5A8DD

■ 1E1841

■ D1C3F9

■ 0B002B

■ EDDFFF

■ 000115

■ FFFBFF

■ 000000

■ 665B8B

■ 665B8B

■ 5B4D8B

■ 71698B

■ 513F8B

■ 7B778B

46318B

86858B

3B238B

91938B

30168B

9CA18B

26088B

A6AE8B

20008B

B1BC8B

BCCA8B

C6D88B

# Harmonies

## Analogous

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



3E6492



665B8B



815279

# Triad

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



665B8B



835838



056E63

# Complementary

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



665B8B



808B5B

# 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.



386C4A



665B8B



706131

# Square

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



665B8B



8F514A



566838



006E7B

# Rectangle

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



665B8B



8C4F6A



566838



1D6E5A



# Sweetspot

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



665B8B



A7A3B5



5B818B



53515C



DBDBDB



5C5C5C



# Same Dimension

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



665B8B



7C6BB5



7D5B8B



403E45



1E0085



010005



# Inverse Universe

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



8B5B80



B56BA4



698B5B



453E43



850066



050004



# Previews

## White Background



This preview shows how the Hex color 665B8B 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

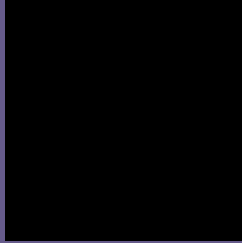
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 665B8B Background



This preview shows how black text looks on a background with the Hex color 665B8B.

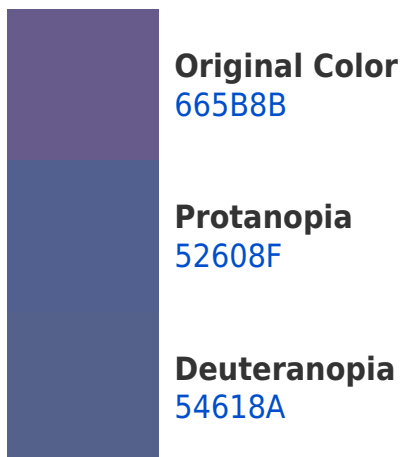


This preview shows how white text looks on a background with the Hex color 665B8B.

# 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**  
606269

# Trichromacy



**Original Color**  
665B8B

**Protanomaly**  
595E8E

**Deuteranomaly**  
5B5F8A

**Tritanomaly**  
625F75

# Monochromacy



**Original Color**  
665B8B

**Achromatopsia**  
646464

**Achromatomaly**  
656172

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665B8B 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 #665B8B looks like.

```
.text, #text, p{  
    color:#665B8B  
}
```

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 #665B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665B8B
}
```

## Border

The CSS property to change the border of an element to Hex 665B8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

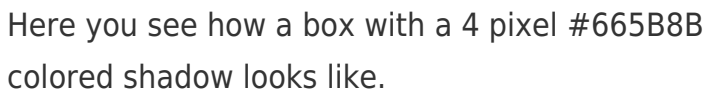
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665B8B }
```

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

```
.border{ border-color:#665B8B }
```

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



Here you see how a box with a 4 pixel #665B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665B8B; -webkit-box-shadow:4px 4px  
4px 4px #665B8B; box-shadow:4px 4px 4px  
4px #665B8B }
```

# Background

The CSS property to change the background color of an element to Hex 665B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665B8B }
```

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

```
.background{ background-color:#665B8B }
```

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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