

# Converting Colors

Hex(658EBA)

Have a look what the booklet for  
Hex(658EBA) contains.

<b>Hex(658EBA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(658EBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	658EBA
RGB	101, 142, 186
RGB Percent	40%, 56%, 73%
CMY	0.6039, 0.4431, 0.2706
CMYK	0.46, 0.24, 0.00, 0.27
HSL	211°, 38%, 56%
HSV	211°, 46%, 73%
XYZ	23.9028, 25.6579, 50.1470
YIQ	134.7570, -38.5600, 4.9920

# Conversions

## Conversions Part 2

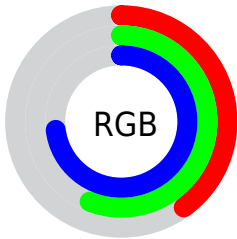
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 129, 186
Decimal	6655674
CIE <sub>Lab</sub>	57.71, -2.12, -27.36
CIE <sub>LCh</sub>	58, 27.445, 265.576
Yxy	25.6579, 0.2397, 0.2573
Android (android.graphics.Color)	4284845754 (0xFF658EBA)
YUV	134.7570, 25.2628, -29.6049
Hunter-Lab	50.6536, -4.4120, -23.2395

# Details

The Hex color **658EBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA9165**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9CC4F2**, and **2E5C85** is the 20% darker color. If you saturate the color by 10%, you get **5284BA**, and if you desaturate by 10%, it is **7898BA**.

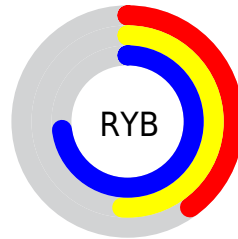
# Distribution



Red (40%)

Green (56%)

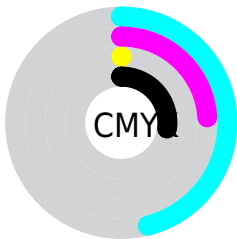
Blue (73%)



Red (40%)

Yellow (51%)

Blue (73%)

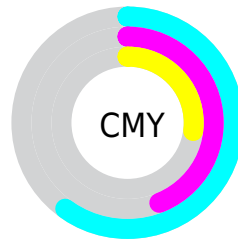


Cyan (46%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (60%)

Magenta (44%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658EBA 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 658EBA by changing the saturation by 10% instead.



■ 658EBA

■ 658EBA

FFFFFF

■ 4A759F

■ 9CC4F2

■ 2E5C85

■ B8DFFF

■ 0B456B

■ D4FCFF

■ 002F53

■ F1FFFF

■ 001A3B

■ 000226

■ 00010E

■ 000000

■ 658EBA

■ 658EBA

■ 5284BA

■ 7898BA

■ 407BBA

■ 8AA1BA

■ 2D71BA

■ 9DABBA

■ 1B67BA

■ AFB5BA

■ 085EBA

■ C2BEBA

■ 005ABA

■ D5C8BA

■ E7D1BA

■ FADBBA

■ FFE5BA

# Harmonies

## Analogous

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



4494B1



658EBA



8986B6

# Triad

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



658EBA



BA7A77



6A956F

# Complementary

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



658EBA



BA9165

# 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.



868F5F



658EBA



B18064

# Square

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



658EBA



B7798F



9F885B



4E9886

# Rectangle

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



658EBA



9D80AC



9F885B



749368



# Sweetspot

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



658EBA



D0E1F2



65BA91



66707A



FAFAFA



7A7A7A



# Same Dimension

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



658EBA



6DADF2



6665BA



53575C



004B9C



000E1C



# Inverse Universe

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



BA658E



F26DAD



B9BA65



5C5357



9C004B

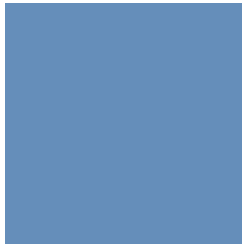


1C000E



# Previews

## White Background



This preview shows how the Hex color 658EBA looks on a white background.

## Color Contrast Check

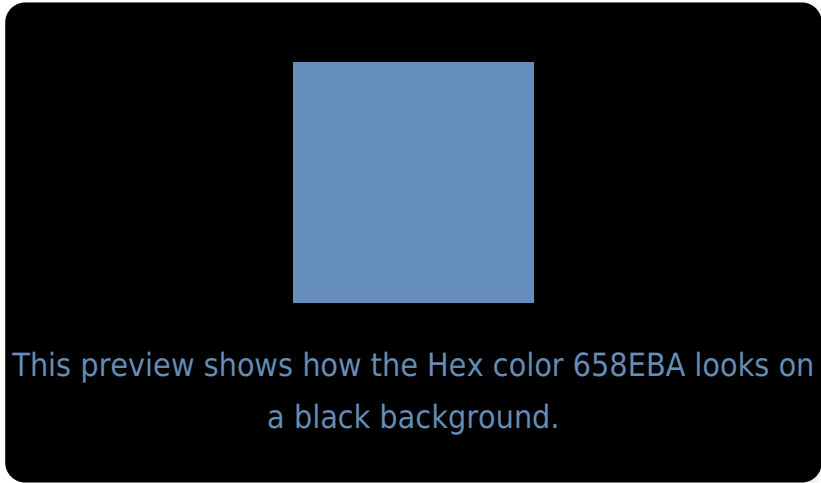
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

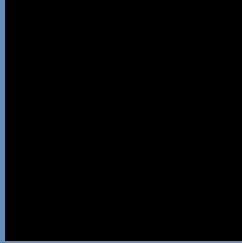
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

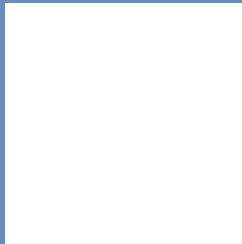
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 658EBA Background



This preview shows how black text looks on a background with the Hex color 658EBA.




This preview shows how white text looks on a background with the Hex color 658EBA.

# 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](#).

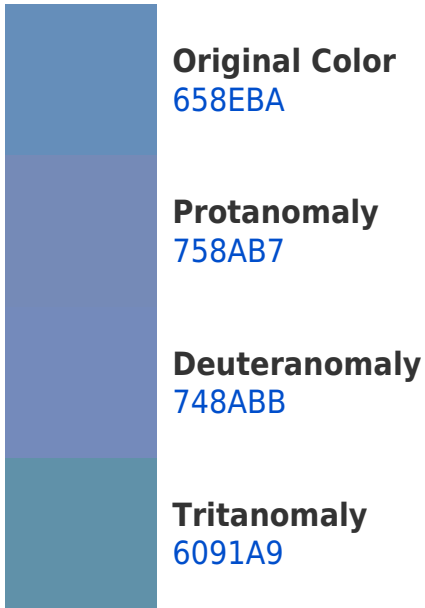
## Dichromacy



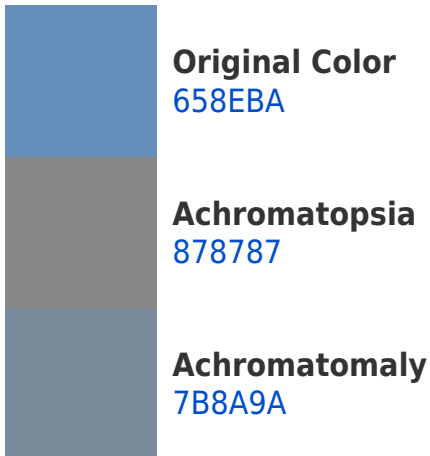


**Tritanopia**  
5D939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658EBA 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 #658EBA looks like.

```
.text, #text, p{  
    color:#658EBA  
}
```

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 #658EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658EBA
}
```

## Border

The CSS property to change the border of an element to Hex 658EBA 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
#658EBA }
```

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

```
.border{ border-color:#658EBA }
```

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

Here you see how a box with a 4 pixel #658EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658EBA; -webkit-box-shadow:4px 4px  
4px 4px #658EBA; box-shadow:4px 4px 4px  
4px #658EBA }
```

# Background

The CSS property to change the background color of an element to Hex 658EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658EBA }
```

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

```
.background{ background-color:#658EBA }
```

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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