

# Converting Colors

Hex(658EBC)

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

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# Color

Hex(658EBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	658EBC
RGB	101, 142, 188
RGB Percent	40%, 56%, 74%
CMY	0.6039, 0.4431, 0.2627
CMYK	0.46, 0.24, 0.00, 0.26
HSL	212°, 39%, 57%
HSV	212°, 46%, 74%
XYZ	24.1169, 25.7435, 51.2749
YIQ	134.9850, -39.2020, 5.6140

# Conversions

## Conversions Part 2

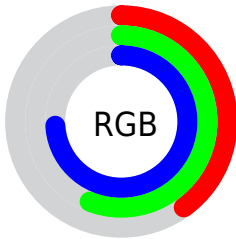
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 129, 188
Decimal	6655676
CIE <sub>Lab</sub>	57.79, -1.53, -28.37
CIE <sub>LCh</sub>	58, 28.413, 266.912
Yxy	25.7435, 0.2385, 0.2545
Android (android.graphics.Color)	4284845756 (0xFF658EBC)
YUV	134.9850, 26.1364, -29.8048
Hunter-Lab	50.7381, -3.9467, -24.4006

# Details

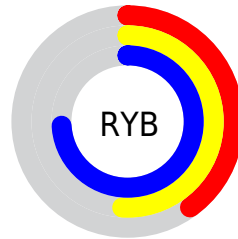
The Hex color **658EBC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9365**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9CC4F4**, and **2E5C87** is the 20% darker color. If you saturate the color by 10%, you get **5284BC**, and if you desaturate by 10%, it is **7898BC**.

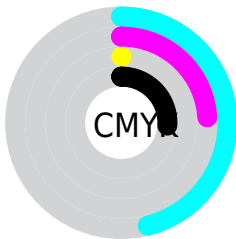
# Distribution



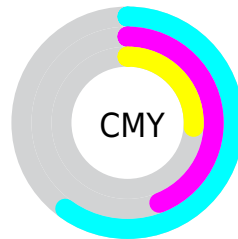
- Red (40%)
- Green (56%)
- Blue (74%)



- Red (40%)
- Yellow (51%)
- Blue (74%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (44%)
- Yellow (26%)

# Brightness & Saturation Gradients

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



■ 658EBC

■ 658EBC

FFFFFF

■ 4A75A1

■ 9CC4F4

■ 2E5C87

■ B8DFFF

■ 0A456D

■ D4FCFF

■ 002F55

■ F1FFFF

■ 001A3D

■ 000327

■ 000111

■ 000000

■ 658EBC

■ 658EBC

■ 5284BC

■ 7898BC

■ 3F7ABC

■ 8BA2BC

■ 2D70BC

■ 9DACBC

■ 1A66BC

■ B0B6BC

■ 075CBC

■ C3C0BC

■ 0059BC

■ D6CABC

■ E9D4BC

■ FBDEBC

■ FFE7BC

# Harmonies

## Analogous

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



4194B4



658EBC



8B85B7

# Triad

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



658EBC



BC7A76



68966F

# Complementary

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



658EBC



BC9365

# 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.



85905E



658EBC



B28062

# Square

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



658EBC



B9788E



9E8859



4A9887

# Rectangle

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



658EBC



9F80AD



9E8859



729468



# Sweetspot

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



658EBC



D3E3F5



65BC92



666F7A



FAFAFA



7A7A7A



# Same Dimension

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



658EBC



6CACF5



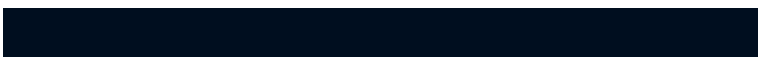
6665BC



55595E



004B9E



000E1F



# Inverse Universe

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



BC658E



F56CAC



BBBC65



5E5559



9E004B

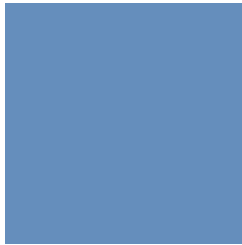


1F000E



# Previews

## White Background



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

## Color Contrast Check

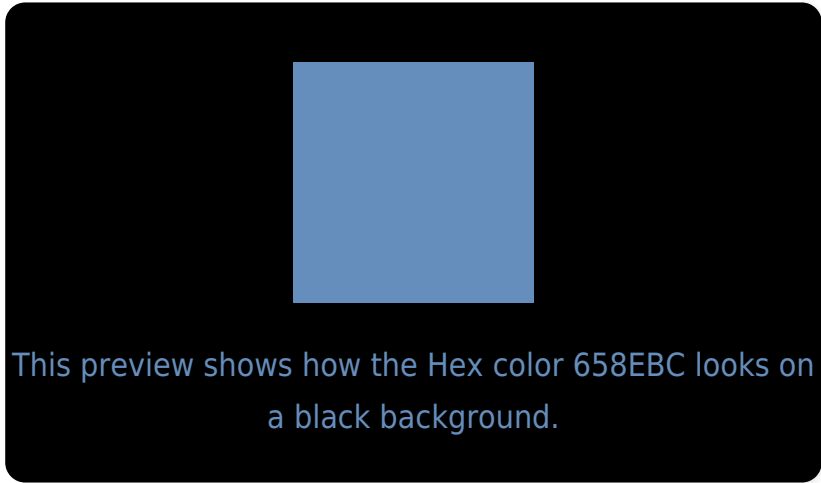
Large Text (above 18pt) WCAG AA ✓ Pass

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

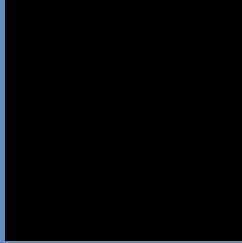
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

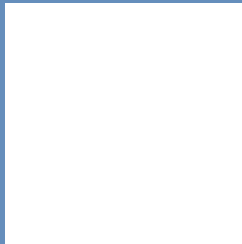
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 658EBC Background



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



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

# 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](#).

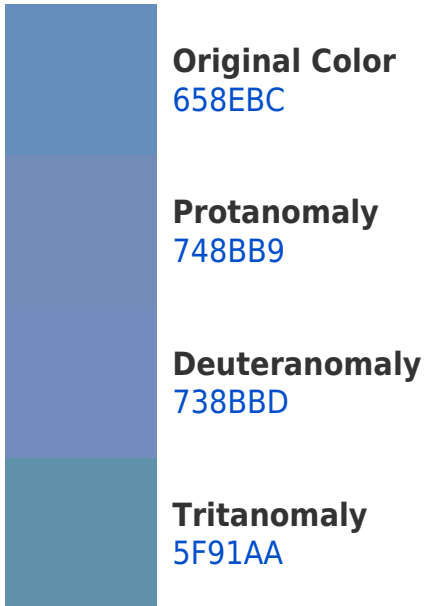
## Dichromacy



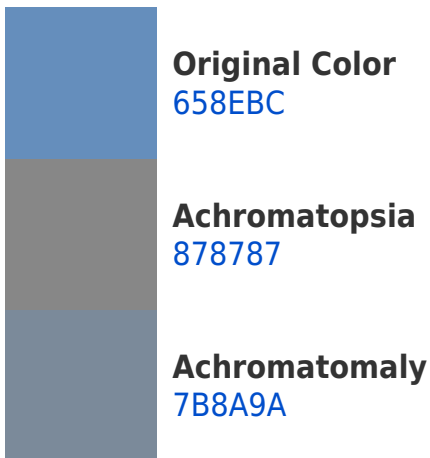


**Tritanopia**  
5C939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #658EBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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