

Converting Colors

Hex(658CB1)

Have a look what the booklet for
Hex(658CB1) contains.

Hex(658CB1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(658CB1)

Conversions

Conversions Part 1

Format	Color
Hex	658CB1
RGB	101, 140, 177
RGB Percent	40%, 55%, 69%
CMY	0.6039, 0.4510, 0.3059
CMYK	0.43, 0.21, 0.00, 0.31
HSL	209°, 33%, 55%
HSV	209°, 43%, 69%
XYZ	22.6807, 24.6972, 45.1666
YIQ	132.5570, -35.1210, 3.2390

Conversions

Conversions Part 2

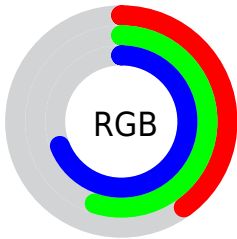
Format	Color
RYB	101, 127, 177
Decimal	6655153
CIELab	56.78, -3.57, -23.68
CIELCh	57, 23.946, 261.416
Yxy	24.6972, 0.2451, 0.2669
Android (android.graphics.Color)	4284845233 (0xFF658CB1)
YUV	132.5570, 21.9104, -27.6755
Hunter-Lab	49.6963, -5.5034, -19.0985

Details

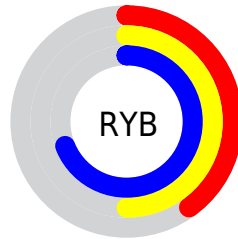
The Hex color **658CB1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B18A65**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9BC1E9**, and **305A7C** is the 20% darker color. If you saturate the color by 10%, you get **5383B1**, and if you desaturate by 10%, it is **7795B1**.

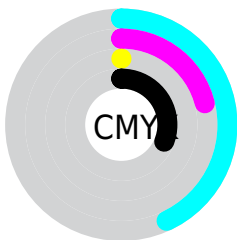
Distribution



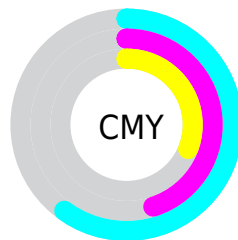
- Red (40%)
- Green (55%)
- Blue (69%)



- Red (40%)
- Yellow (50%)
- Blue (69%)



- Cyan (43%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 658CB1 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 658CB1 by changing the saturation by 10% instead.

■ 658CB1

■ 658CB1

FFFFFF

■ 4B7396

■ 9BC1E9

■ 305A7C

■ B7DDFF

■ 114363

■ D3FAFF

■ 002D4B

■ F0FFFF

■ 001834

■ 00021F

■ 000002

■ 000000

■ 658CB1

■ 658CB1

■ 5383B1

■ 7795B1

■ 427BB1

■ 889DB1

■ 3072B1

■ 9AA6B1

■ 1E6AB1

■ ACAEB1

■ 0C61B1

■ BDB7B1

■ 005BB1

■ CFC0B1

■ E1C8B1

■ F3D1B1

■ FFDAB1

Harmonies

Analogous

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



4D91A8



658CB1



8385AF

Triad

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



658CB1



B2797A



70916E

Complementary

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



658CB1



B18A65

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.



888C61



658CB1



AC7E68

Square

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



658CB1



AE798F



9D855F



589381

Rectangle

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



658CB1



9580A8



9D855F



788F68

Sweetspot

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



658CB1



C8D7E6



65B18A



606A73



F2F2F2



737373

Same Dimension

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



658CB1



6EABE6



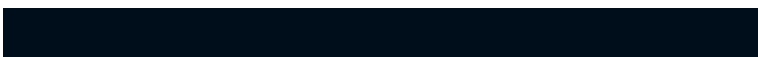
6566B1



505559



004F99



000D1A

Inverse Universe

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



B1658C



E66EAB



B1B065



595055



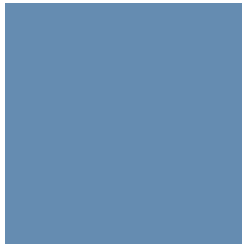
99004F



1A000D

Previews

White Background



This preview shows how the Hex color 658CB1 looks on a white background.

Color Contrast Check

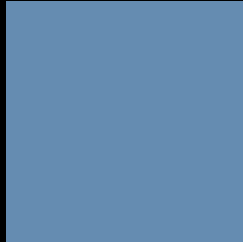
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 658CB1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

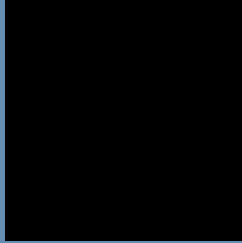
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

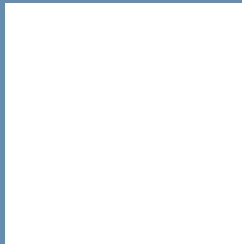
Any Text WCAG AAA × Fail

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

Hex 658CB1 Background



This preview shows how black text looks on a background with the Hex color 658CB1.

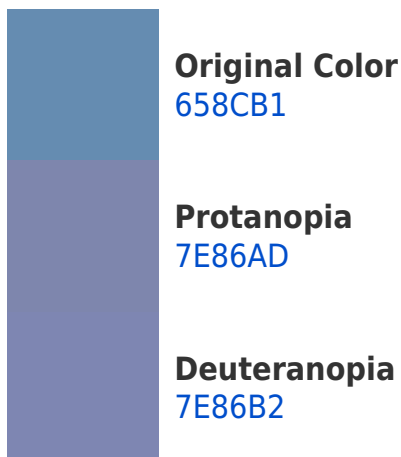


This preview shows how white text looks on a background with the Hex color 658CB1.

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](#).

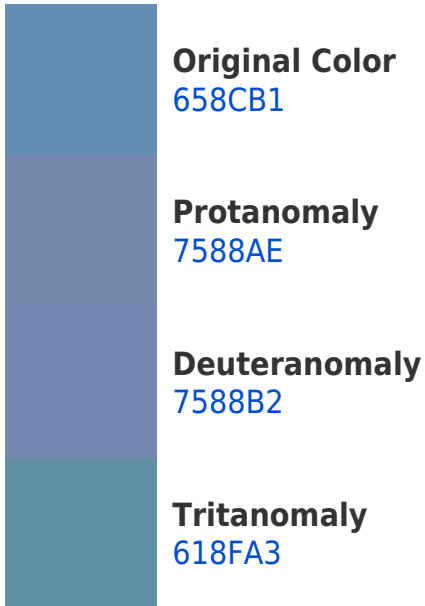
Dichromacy





Tritanopia
5F909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 658CB1 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 #658CB1 looks like.

```
.text, #text, p{  
    color:#658CB1  
}
```

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 #658CB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658CB1  
}
```

Border

The CSS property to change the border of an element to Hex 658CB1 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  
#658CB1 }
```

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

```
.border{ border-color:#658CB1 }
```

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

Here you see how a box with a 4 pixel #658CB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658CB1; -webkit-box-shadow:4px 4px  
4px 4px #658CB1; box-shadow:4px 4px 4px  
4px #658CB1 }
```

Background

The CSS property to change the background color of an element to Hex 658CB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658CB1 }
```

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

```
.background{ background-color:#658CB1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor