

Converting Colors

Hex(658AB4)

Have a look what the booklet for
Hex(658AB4) contains.

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Color

Hex(658AB4)

Conversions

Conversions Part 1

Format	Color
Hex	658AB4
RGB	101, 138, 180
RGB Percent	40%, 54%, 71%
CMY	0.6039, 0.4588, 0.2941
CMYK	0.44, 0.23, 0.00, 0.29
HSL	212°, 34%, 55%
HSV	212°, 44%, 71%
XYZ	22.6935, 24.2389, 46.6625
YIQ	131.7250, -35.5340, 5.2180

Conversions

Conversions Part 2

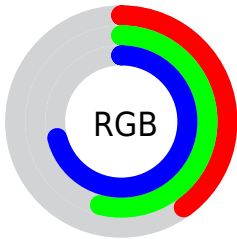
Format	Color
R_{YB}	101, 126, 180
Decimal	6654644
CIE _{Lab}	56.33, -1.56, -26.09
CIE _{LCh}	56, 26.134, 266.570
Yxy	24.2389, 0.2425, 0.2590
Android (android.graphics.Color)	4284844724 (0xFF658AB4)
YUV	131.7250, 23.7996, -26.9458
Hunter-Lab	49.2331, -3.8799, -21.7312

Details

The Hex color **658AB4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B48F65**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **9BBFEC**, and **30587F** is the 20% darker color. If you saturate the color by 10%, you get **5380B4**, and if you desaturate by 10%, it is **7794B4**.

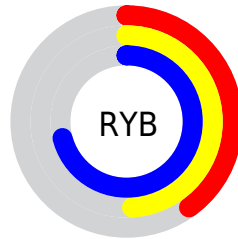
Distribution



Red (40%)

Green (54%)

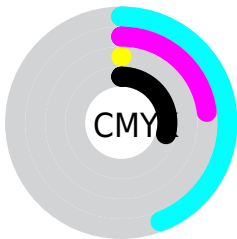
Blue (71%)



Red (40%)

Yellow (49%)

Blue (71%)

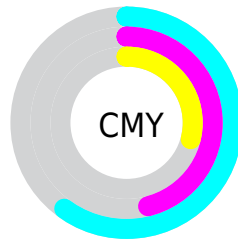


Cyan (44%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 658AB4 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 658AB4 by changing the saturation by 10% instead.

■ 658AB4

■ 658AB4

FFFFFF

■ 4A7199

■ 9BBFEC

■ 30587F

■ B7DBFF

■ 104166

■ D3F8FF

■ 002B4E

■ F0FFFF

■ 001737

■ 000221

■ 000006

■ 000000

■ 658AB4

■ 658AB4

■ 5380B4

■ 7794B4

■ 4177B4

■ 899DB4

■ 2F6DB4

■ 9BA7B4

■ 1D64B4

■ ADB0B4

■ 0B5AB4

■ BFBAB4

■ 0054B4

■ D1C3B4

■ E3CDB4

■ F5D7B4

■ FFE0B4

Harmonies

Analogous

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



4690AC



658AB4



8782B0

Triad

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



658AB4



B47774



67916D

Complementary

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



658AB4



B48F65

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.



828C5E



658AB4



AB7D62

Square

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



658AB4



B1768B



99855A



4D9384

Rectangle

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



658AB4



9A7DA6



99855A



708F67

Sweetspot

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



658AB4



CCDAEB



65B48E



636B75



F5F5F5



757575

Same Dimension

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



658AB4



6EA8EB



6665B4



505559



004899



000C1A

Inverse Universe

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



B4658A



EB6EA8



B3B465



595055



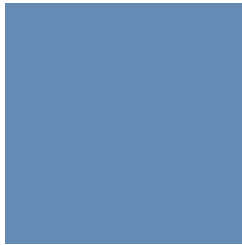
990048



1A000C

Previews

White Background



This preview shows how the Hex color 658AB4 looks on a white background.

Color Contrast Check

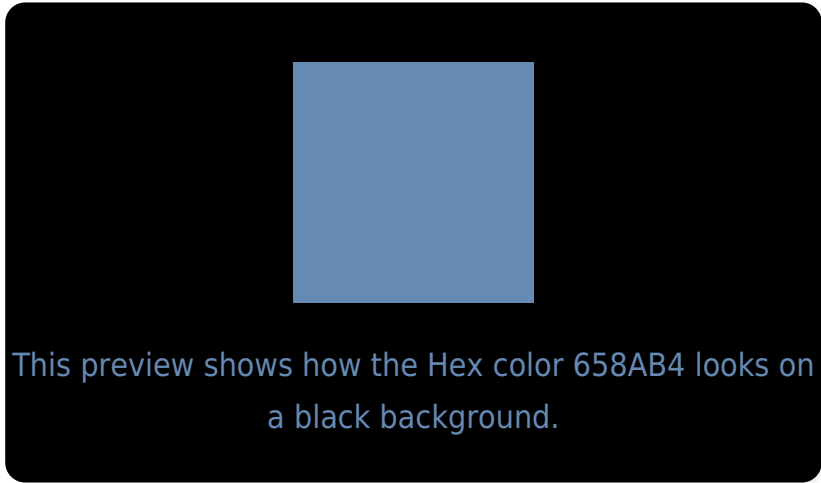
Large Text (above 18pt) WCAG AA ✓ Pass

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

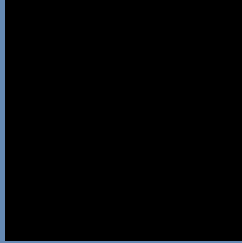
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

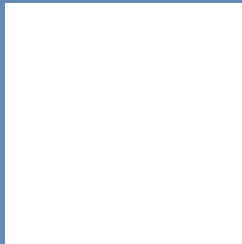
Any Text WCAG AAA × Fail

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

Hex 658AB4 Background



This preview shows how black text looks on a background with the Hex color 658AB4.



This preview shows how white text looks on a background with the Hex color 658AB4.

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](#).

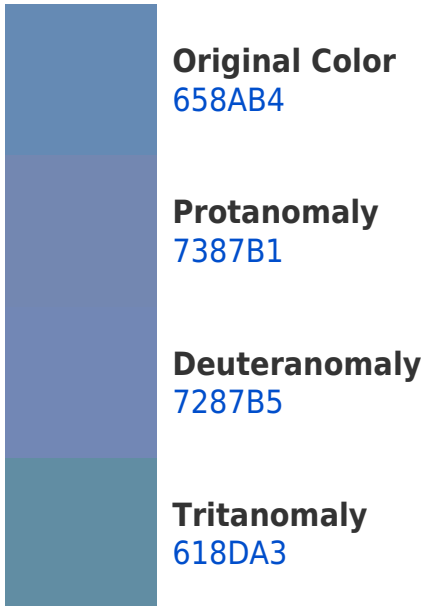
Dichromacy





Tritanopia
5E8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 658AB4 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 #658AB4 looks like.

```
.text, #text, p{  
    color:#658AB4  
}
```

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 #658AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658AB4
}
```

Border

The CSS property to change the border of an element to Hex 658AB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

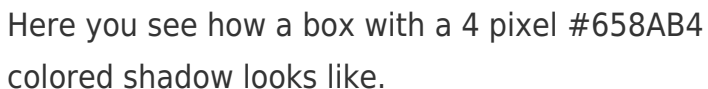
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#658AB4 }
```

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

```
.border{ border-color:#658AB4 }
```

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



Here you see how a box with a 4 pixel #658AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658AB4; -webkit-box-shadow:4px 4px  
4px 4px #658AB4; box-shadow:4px 4px 4px  
4px #658AB4 }
```

Background

The CSS property to change the background color of an element to Hex 658AB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658AB4 }
```

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

```
.background{ background-color:#658AB4 }
```

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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