

Converting Colors

Hex(648CBC)

Have a look what the booklet for
Hex(648CBC) contains.

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Color

Hex(648CBC)

Conversions

Conversions Part 1

Format	Color
Hex	648CBC
RGB	100, 140, 188
RGB Percent	39%, 55%, 74%
CMY	0.6078, 0.4510, 0.2627
CMYK	0.47, 0.26, 0.00, 0.26
HSL	213°, 40%, 56%
HSV	213°, 47%, 74%
XYZ	23.7107, 25.0963, 51.1713
YIQ	133.5120, -39.2480, 6.4480

Conversions

Conversions Part 2

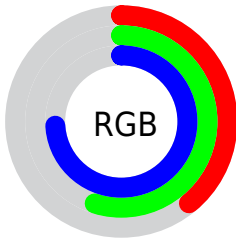
Format	Color
R_{YB}	100, 128, 188
Decimal	6589628
CIE _{Lab}	57.17, -0.63, -29.34
CIE _{LCh}	57, 29.349, 268.771
Yxy	25.0963, 0.2372, 0.2510
Android (android.graphics.Color)	4284779708 (0xFF648CBC)
YUV	133.5120, 26.8626, -29.3900
Hunter-Lab	50.0962, -3.1838, -25.4950

Details

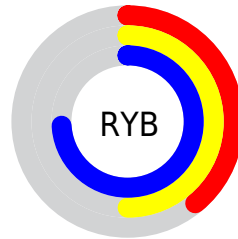
The Hex color **648CBC** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BC9464**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9BC1F4**, and **2D5A87** is the 20% darker color. If you saturate the color by 10%, you get **5182BC**, and if you desaturate by 10%, it is **7796BC**.

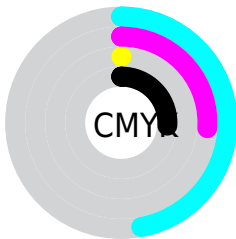
Distribution



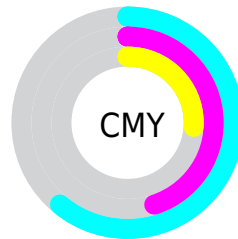
- Red (39%)
- Green (55%)
- Blue (74%)



- Red (39%)
- Yellow (50%)
- Blue (74%)



- Cyan (47%)
- Magenta (26%)
- Yellow (0%)
- Black (26%)



- Cyan (61%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648CBC 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 648CBC by changing the saturation by 10% instead.

■ 648CBC

■ 648CBC

FFFFFF

■ 4973A1

■ 9BC1F4

■ 2D5A87

■ B7DDFF

■ 07436D

■ D3FAFF

■ 002D54

■ F1FFFF

■ 00193D

■ 000327

■ 000110

■ 000000

■ 648CBC

■ 648CBC

■ 5182BC

■ 7796BC

■ 3E77BC

■ 8AA1BC

■ 2C6DBC

■ 9CABBC

■ 1963BC

■ AFB5BC

■ 0659BC

■ C2BFBC

■ 0055BC

■ D5CABC

■ E8D4BC

■ FADEBC

■ FFE8BC

Harmonies

Analogous

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



3C93B4



648CBC



8B83B6

Triad

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



648CBC



BB7872



63946E

Complementary

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



648CBC



BC9464

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.



818F5C



648CBC



B07E5E

Square

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



648CBC



B9768B



9C8756



439787

Rectangle

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



648CBC



A07DAB



9C8756



6D9367

Sweetspot

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



648CBC



D3E2F5



64BC93



666F7A



FAFAFA



7A7A7A

Same Dimension

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



648CBC



6CAAF5



6764BC



55595E



00489E



000E1F

Inverse Universe

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



BC648C



F56CAA



B9BC64



5E5559



9E0048



1F000E

Previews

White Background



This preview shows how the Hex color 648CBC looks on a white background.

Color Contrast Check

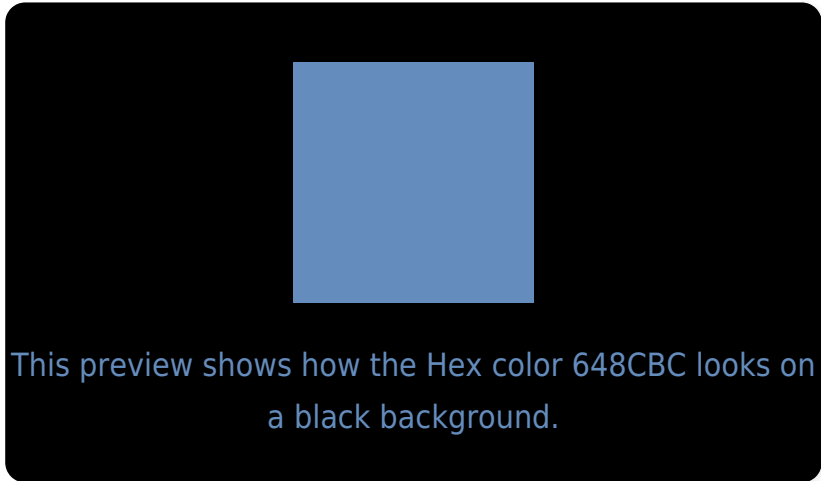
Large Text (above 18pt) WCAG AA ✓ Pass

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

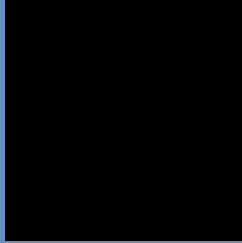
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

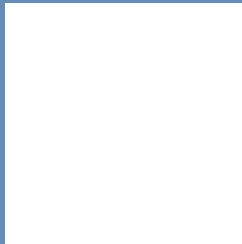
Any Text WCAG AAA × Fail

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

Hex 648CBC Background



This preview shows how black text looks on a background with the Hex color 648CBC.

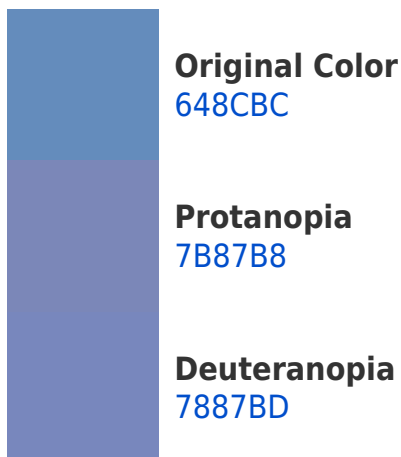



This preview shows how white text looks on a background with the Hex color 648CBC.

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](#).

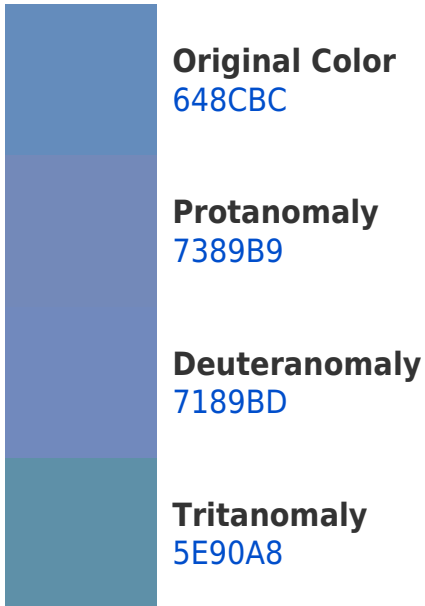
Dichromacy



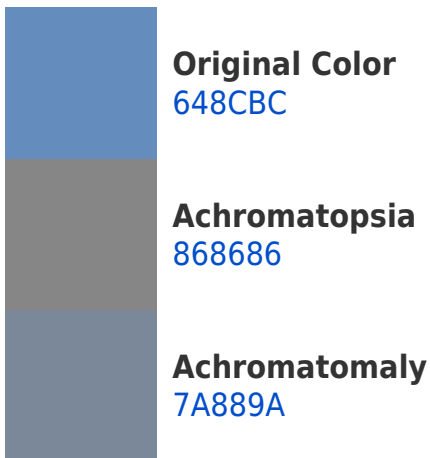


Tritanopia
5B929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648CBC 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 #648CBC looks like.

```
.text, #text, p{  
    color:#648CBC  
}
```

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 #648CBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648CBC
}
```

Border

The CSS property to change the border of an element to Hex 648CBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

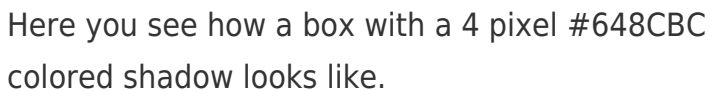
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#648CBC }
```

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

```
.border{ border-color:#648CBC }
```

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



Here you see how a box with a 4 pixel #648CBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648CBC; -webkit-box-shadow:4px 4px  
4px 4px #648CBC; box-shadow:4px 4px 4px  
4px #648CBC }
```

Background

The CSS property to change the background color of an element to Hex 648CBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648CBC }
```

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

```
.background{ background-color:#648CBC }
```

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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