

Converting Colors

Hex(648BC2)

Have a look what the booklet for
Hex(648BC2) contains.

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Color

Hex(648BC2)

Conversions

Conversions Part 1

Format	Color
Hex	648BC2
RGB	100, 139, 194
RGB Percent	39%, 55%, 76%
CMY	0.6078, 0.4549, 0.2392
CMYK	0.48, 0.28, 0.00, 0.24
HSL	215°, 44%, 58%
HSV	215°, 48%, 76%
XYZ	24.2258, 25.0696, 54.6010
YIQ	133.6090, -40.8990, 8.8370

Conversions

Conversions Part 2

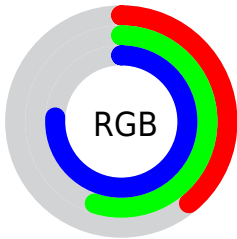
Format	Color
R_{YB}	100, 128, 194
Decimal	6589378
CIE _{Lab}	57.14, 1.74, -32.79
CIE _{LCh}	57, 32.832, 273.047
Yxy	25.0696, 0.2332, 0.2413
Android (android.graphics.Color)	4284779458 (0xFF648BC2)
YUV	133.6090, 29.7728, -29.4751
Hunter-Lab	50.0696, -1.2559, -29.6073

Details

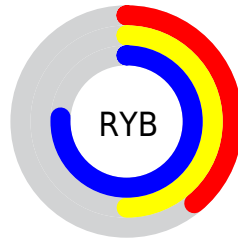
The Hex color **648BC2** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **C29B64**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9BC0FB**, and **2B598C** is the 20% darker color. If you saturate the color by 10%, you get **5180C2**, and if you desaturate by 10%, it is **7796C2**.

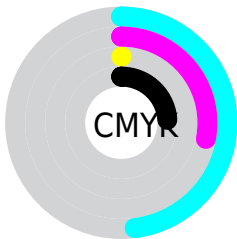
Distribution



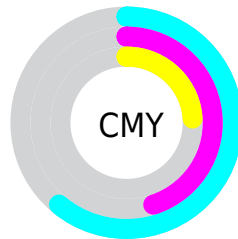
- Red (39%)
- Green (55%)
- Blue (76%)



- Red (39%)
- Yellow (50%)
- Blue (76%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (61%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648BC2 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 648BC2 by changing the saturation by 10% instead.

■ 648BC2

■ 648BC2

FFFFFF

■ 4872A7

■ 9BC0FB

■ 2B598C

■ B7DCFF

■ 014272

■ D4F9FF

■ 002C5A

■ F1FFFF

■ 001842

■ 00032B

■ 000116

■ 000000

■ 648BC2

■ 648BC2

■ 5180C2

■ 7796C2

■ 3D74C2

■ 8BA2C2

■ 2A69C2

■ 9EADC2

■ 165EC2

■ B2B8C2

■ 0352C2

■ C5C4C2

■ 0050C2

■ D8CFC2

■ ECDAC2

■ FFE6C2

■ FFF1C2

Harmonies

Analogous

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



2F93BC



648BC2



9081B9

Triad

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



648BC2



BF766B



58966E

Complementary

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



648BC2



C29B64

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.



7B9158



648BC2



B17E57

Square

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



648BC2



BF7387



99884F



2F988B

Rectangle

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



648BC2



A77AAC



99884F



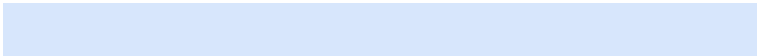
649566

Sweetspot

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



648BC2



D7E6FC



64C29B



697280



000000



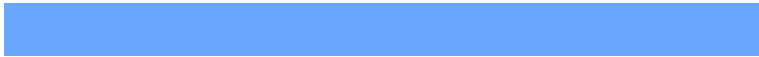
808080

Same Dimension

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



648BC2



6AA7FC



6C64C2



575B61



0043A1



000E21

Inverse Universe

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



C2648B



FC6AA7



BAC264



61575B



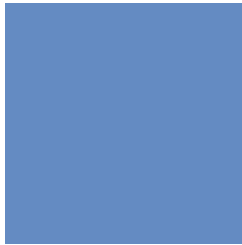
A10043



21000E

Previews

White Background



This preview shows how the Hex color 648BC2 looks on a white background.

Color Contrast Check

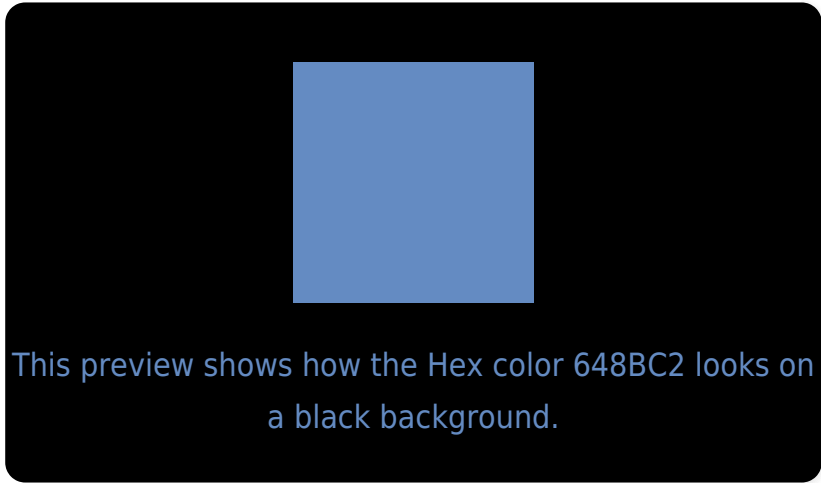
Large Text (above 18pt) WCAG AA ✓ Pass

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

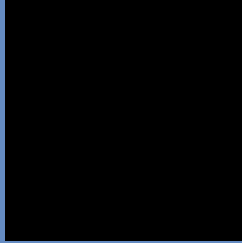
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

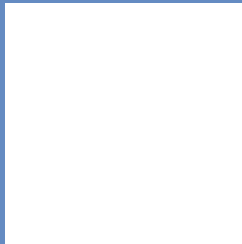
Any Text WCAG AAA × Fail

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

Hex 648BC2 Background



This preview shows how black text looks on a background with the Hex color 648BC2.



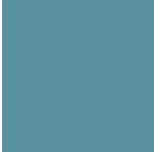
This preview shows how white text looks on a background with the Hex color 648BC2.

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](#).

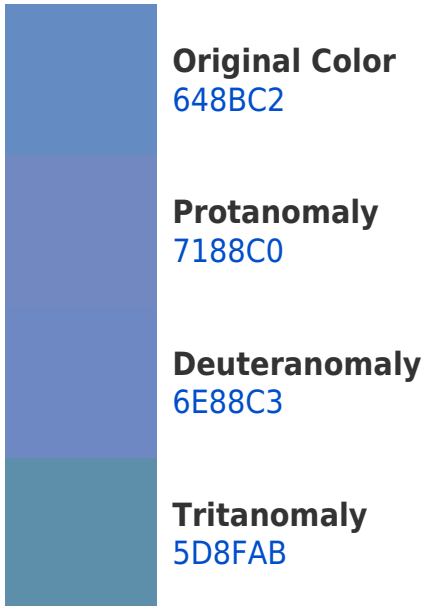
Dichromacy





Tritanopia
59929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648BC2 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 #648BC2 looks like.

```
.text, #text, p{  
    color:#648BC2  
}
```

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 #648BC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648BC2
}
```

Border

The CSS property to change the border of an element to Hex 648BC2 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
#648BC2 }
```

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

```
.border{ border-color:#648BC2 }
```

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

Here you see how a box with a 4 pixel #648BC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648BC2; -webkit-box-shadow:4px 4px  
4px 4px #648BC2; box-shadow:4px 4px 4px  
4px #648BC2 }
```

Background

The CSS property to change the background color of an element to Hex 648BC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648BC2 }
```

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

```
.background{ background-color:#648BC2 }
```

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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