

Converting Colors

Hex(648BA8)

Have a look what the booklet for
Hex(648BA8) contains.

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Color

Hex(648BA8)

Conversions

Conversions Part 1

Format	Color
Hex	648BA8
RGB	100, 139, 168
RGB Percent	39%, 55%, 66%
CMY	0.6078, 0.4549, 0.3412
CMYK	0.40, 0.17, 0.00, 0.34
HSL	206°, 28%, 53%
HSV	206°, 40%, 66%
XYZ	21.5560, 24.0017, 40.5425
YIQ	130.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

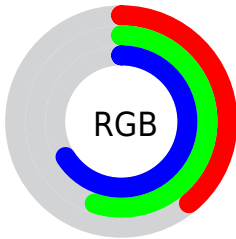
Format	Color
R_{YB}	100, 125, 168
Decimal	6589352
CIE _{Lab}	56.09, -5.81, -19.59
CIE _{LCh}	56, 20.437, 253.470
Yxy	24.0017, 0.2504, 0.2788
Android (android.graphics.Color)	4284779432 (0xFF648BA8)
YUV	130.6450, 18.4160, -26.8757
Hunter-Lab	48.9915, -7.1961, -14.7708

Details

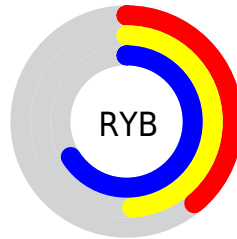
The Hex color **648BA8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A88164**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **99C0DF**, and **305974** is the 20% darker color. If you saturate the color by 10%, you get **5384A8**, and if you desaturate by 10%, it is **7592A8**.

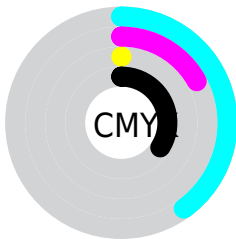
Distribution



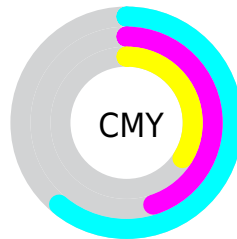
- Red (39%)
- Green (55%)
- Blue (66%)



- Red (39%)
- Yellow (49%)
- Blue (66%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (61%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648BA8 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 648BA8 by changing the saturation by 10% instead.

■ 648BA8

■ 648BA8

FFFFFF

■ 4A728E

■ 99C0DF

■ 305974

■ B5DCFC

■ 14425B

■ D1F9FF

■ 002C44

■ EEEFFF

■ 00182D

■ 000119

■ 000000

■ 648BA8

■ 648BA8

■ 5384A8

■ 7592A8

■ 427DA8

■ 8699A8

■ 3276A8

■ 96A0A8

■ 216EA8

■ A7A8A8

■ 1067A8

■ B8AFA8

■ 0060A8

■ C9B6A8

■ DABDA8

■ EAC4A8

■ FBCBA8

Harmonies

Analogous

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



548F9E



648BA8



7C85A9

Triad

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



648BA8



AB7A7F



778D6C

Complementary

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



648BA8



A88164

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.



8B8864



648BA8



A87D6F

Square

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



648BA8



A47B91



9C8265



64907C

Rectangle

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



648BA8



8C81A4



9C8265



7E8B69

Sweetspot

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



648BA8



C1D0DB



64A880



5E676E



EDEDED



6E6E6E

Same Dimension

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



648BA8



70ADDB



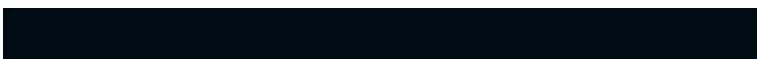
646AA8



4C5154



005594



000C14

Inverse Universe

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



A8648B



DB70AD



A8A264



544C51



940055



14000C

Previews

White Background



This preview shows how the Hex color 648BA8 looks on a white background.

Color Contrast Check

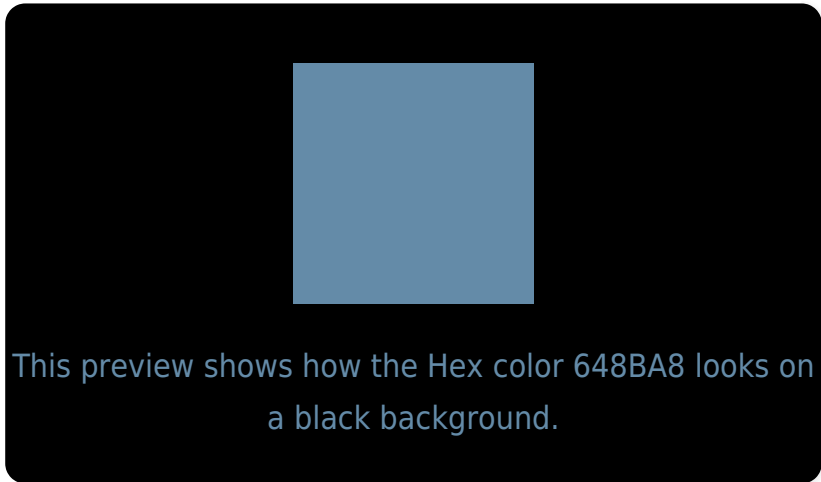
Large Text (above 18pt) WCAG AA ✓ Pass

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

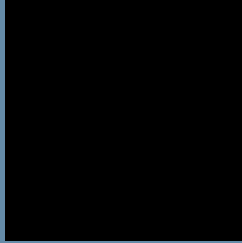
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

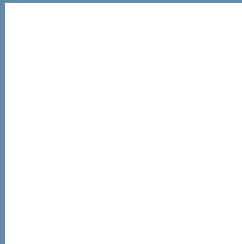
Any Text WCAG AAA × Fail

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

Hex 648BA8 Background



This preview shows how black text looks on a background with the Hex color 648BA8.

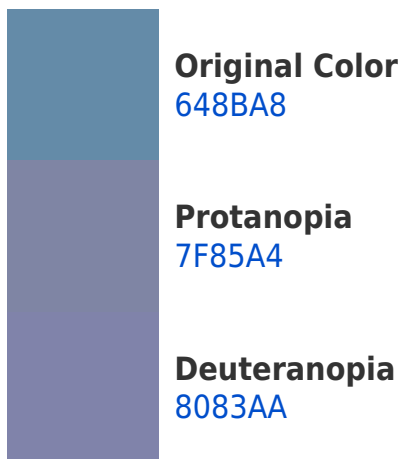


This preview shows how white text looks on a background with the Hex color 648BA8.

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](#).

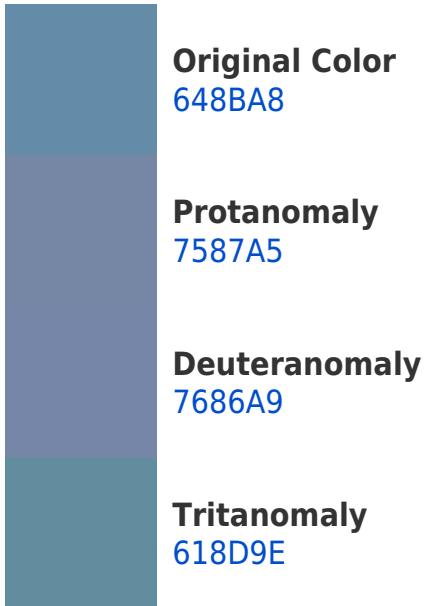
Dichromacy





Tritanopia
608E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 648BA8 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 #648BA8 looks like.

```
.text, #text, p{  
    color:#648BA8  
}
```

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 #648BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648BA8
}
```

Border

The CSS property to change the border of an element to Hex 648BA8 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
#648BA8 }
```

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

```
.border{ border-color:#648BA8 }
```

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

Here you see how a box with a 4 pixel #648BA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648BA8; -webkit-box-shadow:4px 4px  
4px 4px #648BA8; box-shadow:4px 4px 4px  
4px #648BA8 }
```

Background

The CSS property to change the background color of an element to Hex 648BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648BA8 }
```

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

```
.background{ background-color:#648BA8 }
```

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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