

Converting Colors

Hex(678B9D)

Have a look what the booklet for
Hex(678B9D) contains.

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Color

Hex(678B9D)

Conversions

Conversions Part 1

Format	Color
Hex	678B9D
RGB	103, 139, 157
RGB Percent	40%, 55%, 62%
CMY	0.5961, 0.4549, 0.3843
CMYK	0.34, 0.11, 0.00, 0.38
HSL	200°, 22%, 51%
HSV	200°, 34%, 62%
XYZ	20.9119, 23.7831, 35.3867
YIQ	130.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

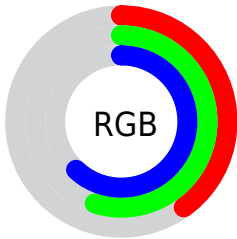
Format	Color
RYB	103, 125, 157
Decimal	6785949
CIELab	55.87, -7.94, -13.59
CIElCh	56, 15.740, 239.721
Yxy	23.7831, 0.2611, 0.2970
Android (android.graphics.Color)	4284976029 (0xFF678B9D)
YUV	130.2880, 13.1690, -23.9316
Hunter-Lab	48.7679, -8.8022, -8.8841

Details

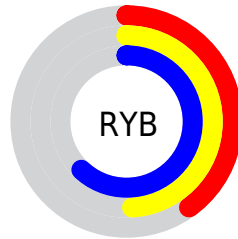
The Hex color **678B9D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D7967**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **9CC0D4**, and **35596A** is the 20% darker color. If you saturate the color by 10%, you get **57869D**, and if you desaturate by 10%, it is **77909D**.

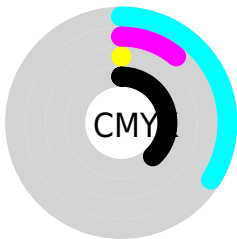
Distribution



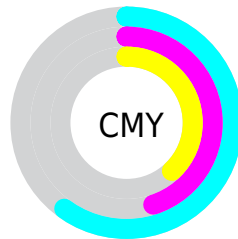
- Red (40%)
- Green (55%)
- Blue (62%)



- Red (40%)
- Yellow (49%)
- Blue (62%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (38%)



- Cyan (60%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678B9D 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 678B9D by changing the saturation by 10% instead.

■ 678B9D

■ 678B9D

FFFFFF

■ 4E7283

■ 9CC0D4

■ 35596A

■ B7DCF0

■ 1C4252

■ D3F9FF

■ 002C3A

■ F0FFFF

■ 001725

■ 00010F

■ 000000

■ 678B9D

■ 678B9D

■ 57869D

■ 77909D

■ 48819D

■ 86959D

■ 387B9D

■ 969B9D

■ 28769D

■ A6A09D

■ 18719D

■ B6A59D

■ 096C9D

■ C5AA9D

■ 00699D

■ D5B09D

■ E5B59D

■ F4BA9D

Harmonies

Analogous

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



618D93



678B9D



7687A1

Triad

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



678B9D



A17C86



82896E

Complementary

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



678B9D



9D7967

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.



91856B



678B9D



A27D79

Square

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



678B9D



987E94



9C806F



728C78

Rectangle

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



678B9D



82849F



9C806F



87886C

Sweetspot

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



678B9D



B8C5CC



679D79



5A6266



E6E6E6



666666

Same Dimension

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



678B9D



78B0CC



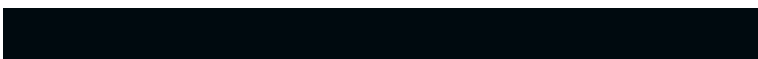
67709D



474C4F



005F8F



000A0F

Inverse Universe

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



9D678B



CC78B0



9D9467



4F474C



8F005F



0F000A

Previews

White Background



This preview shows how the Hex color 678B9D looks on a white background.

Color Contrast Check

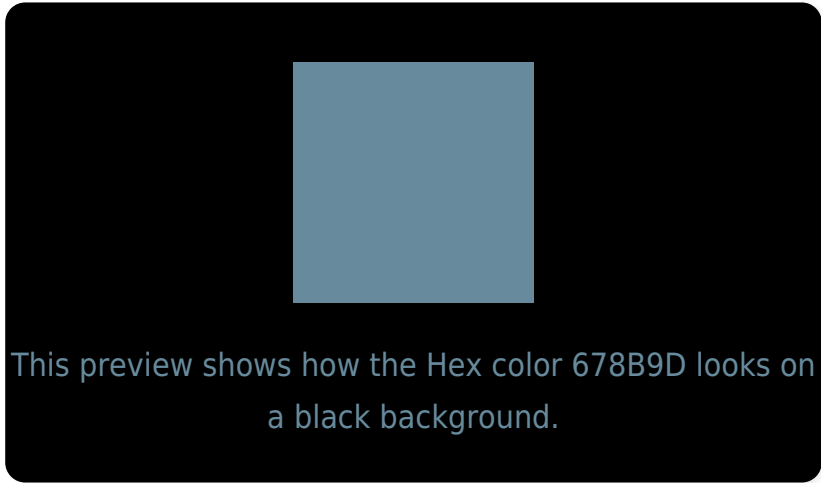
Large Text (above 18pt) WCAG AA ✓ Pass

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

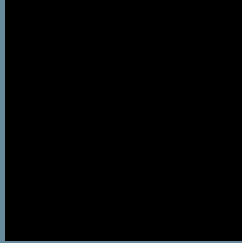
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

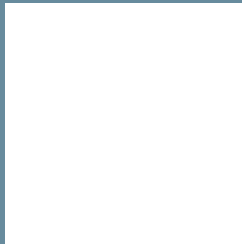
Any Text WCAG AAA × Fail

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

Hex 678B9D Background



This preview shows how black text looks on a background with the Hex color 678B9D.

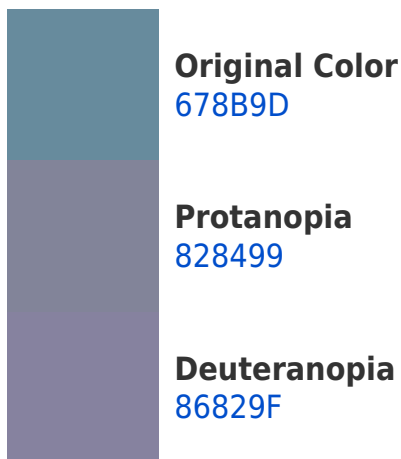


This preview shows how white text looks on a background with the Hex color 678B9D.

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
668C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678B9D 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 #678B9D looks like.

```
.text, #text, p{  
    color:#678B9D  
}
```

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 #678B9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678B9D
}
```

Border

The CSS property to change the border of an element to Hex 678B9D 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
#678B9D }
```

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

```
.border{ border-color:#678B9D }
```

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

Here you see how a box with a 4 pixel #678B9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678B9D; -webkit-box-shadow:4px 4px  
4px 4px #678B9D; box-shadow:4px 4px 4px  
4px #678B9D }
```

Background

The CSS property to change the background color of an element to Hex 678B9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678B9D }
```

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

```
.background{ background-color:#678B9D }
```

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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