

Converting Colors

Hex(68809B)

Have a look what the booklet for
Hex(68809B) contains.

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Color

Hex(68809B)

Conversions

Conversions Part 1

Format	Color
Hex	68809B
RGB	104, 128, 155
RGB Percent	41%, 50%, 61%
CMY	0.5922, 0.4980, 0.3922
CMYK	0.33, 0.17, 0.00, 0.39
HSL	212°, 20%, 51%
HSV	212°, 33%, 61%
XYZ	19.3445, 20.7480, 33.9955
YIQ	123.9020, -22.9710, 3.3090

Conversions

Conversions Part 2

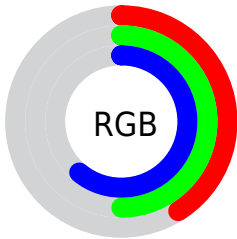
Format	Color
RYB	104, 120, 155
Decimal	6848667
CIELab	52.67, -1.89, -17.28
CIELCh	53, 17.383, 263.750
Yxy	20.7480, 0.2611, 0.2800
Android (android.graphics.Color)	4285038747 (0xFF68809B)
YUV	123.9020, 15.3313, -17.4541
Hunter-Lab	45.5499, -3.9056, -12.3653

Details

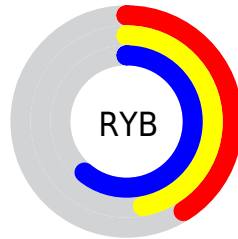
The Hex color **68809B** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9B8368**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9CB5D1**, and **374F68** is the 20% darker color. If you saturate the color by 10%, you get **59789B**, and if you desaturate by 10%, it is **78889B**.

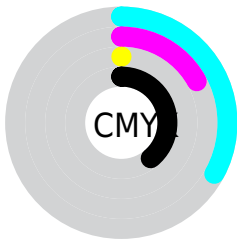
Distribution



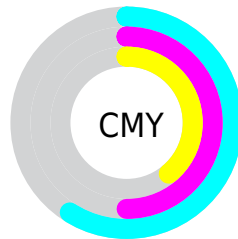
- Red (41%)
- Green (50%)
- Blue (61%)



- Red (41%)
- Yellow (47%)
- Blue (61%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68809B 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 68809B by changing the saturation by 10% instead.

■ 68809B

■ 68809B

FFFFFF

■ 4F6781

■ 9CB5D1

■ 374F68

■ B8D0EE

■ 1E3850

■ D4ECFF

■ 032339

■ F0FFFF

■ 000D23

■ 00000B

■ 000000

■ 68809B

■ 68809B

■ 59789B

■ 78889B

■ 49709B

■ 87909B

■ 39679B

■ 97999B

■ 2A5F9B

■ A6A19B

■ 1A579B

■ B5A99B

■ 0B4F9B

■ C5B19B

■ 00499B

■ D5B99B

■ E4C29B

■ F3CA9B

Harmonies

Analogous

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



588495



68809B



7C7B99

Triad

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



68809B



9D7472



6B846C

Complementary

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



68809B



9B8368

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.



7C8062



68809B



987766

Square

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



68809B



997381



8C7C60



5C867A

Rectangle

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



68809B



897893



8C7C60



718368

Sweetspot

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



68809B



B5BFC9



689B82



5A6066



E6E6E6



666666

Same Dimension

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



68809B



7BA0C9



69689B



45484D



00428C



00060D

Inverse Universe

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



9B6880



C97BA0



9A9B68



4D4548



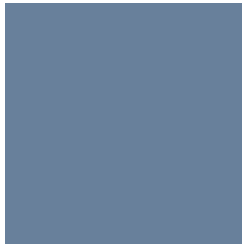
8C0042



0D0006

Previews

White Background



This preview shows how the Hex color 68809B looks on a white background.

Color Contrast Check

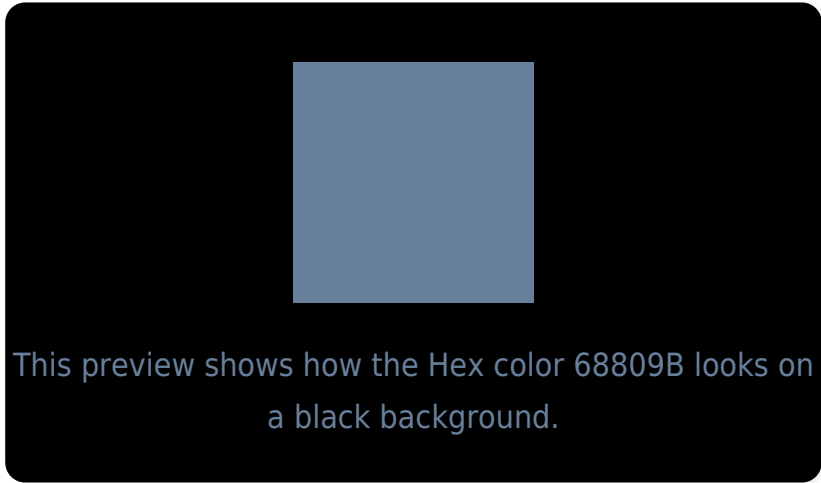
Large Text (above 18pt) WCAG AA ✓ Pass

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

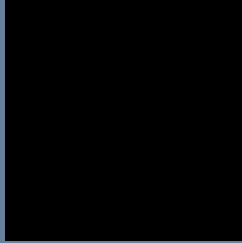
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

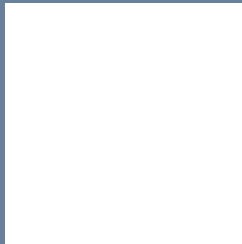
Any Text WCAG AAA × Fail

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

Hex 68809B Background



This preview shows how black text looks on a background with the Hex color 68809B.

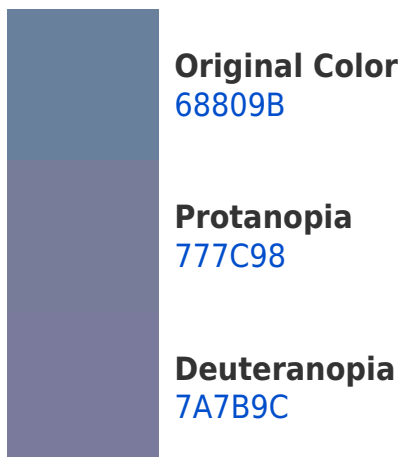



This preview shows how white text looks on a background with the Hex color 68809B.

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
65828D

Trichromacy



Original Color
68809B

Protanomaly
727D99

Deuteranomaly
737D9C

Tritanomaly
668192

Monochromacy



Original Color
68809B

Achromatopsia
7C7C7C

Achromatomaly
757D87

CSS Examples

Text

The CSS property to change the color of the text to Hex 68809B 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 #68809B looks like.

```
.text, #text, p{  
    color:#68809B  
}
```

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 #68809B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68809B  
}
```

Border

The CSS property to change the border of an element to Hex 68809B is called "border". The border property can be set on classes, ids or directly on the HTML element.

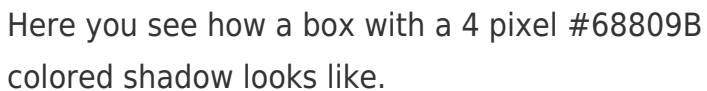
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#68809B }
```

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

```
.border{ border-color:#68809B }
```

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



Here you see how a box with a 4 pixel #68809B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68809B; -webkit-box-shadow:4px 4px  
4px 4px #68809B; box-shadow:4px 4px 4px  
4px #68809B }
```

Background

The CSS property to change the background color of an element to Hex 68809B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68809B }
```

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

```
.background{ background-color:#68809B }
```

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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