

Converting Colors

Hex(68759B)

Have a look what the booklet for
Hex(68759B) contains.

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Color

Hex(68759B)

Conversions

Conversions Part 1

Format	Color
Hex	68759B
RGB	104, 117, 155
RGB Percent	41%, 46%, 61%
CMY	0.5922, 0.5412, 0.3922
CMYK	0.33, 0.25, 0.00, 0.39
HSL	225°, 20%, 51%
HSV	225°, 33%, 61%
XYZ	17.9866, 18.0322, 33.5429
YIQ	117.4450, -19.9460, 9.0620

Conversions

Conversions Part 2

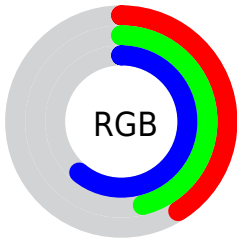
Format	Color
RYB	104, 114, 155
Decimal	6845851
CIELab	49.54, 4.58, -22.08
CIELCh	50, 22.554, 281.720
Yxy	18.0322, 0.2586, 0.2592
Android (android.graphics.Color)	4285035931 (0xFF68759B)
YUV	117.4450, 18.5146, -11.7913
Hunter-Lab	42.4643, 1.2946, -17.1086

Details

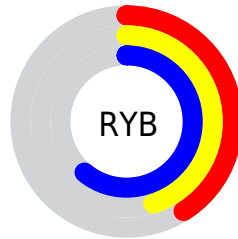
The Hex color **68759B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9B8E68**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9CA9D2**, and **374568** is the 20% darker color. If you saturate the color by 10%, you get **59699B**, and if you desaturate by 10%, it is **78819B**.

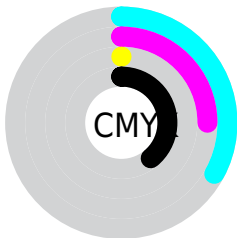
Distribution



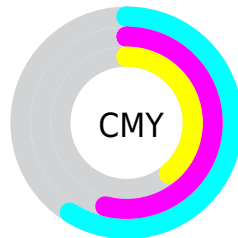
- Red (41%)
- Green (46%)
- Blue (61%)



- Red (41%)
- Yellow (45%)
- Blue (61%)



- Cyan (33%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (59%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68759B 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 68759B by changing the saturation by 10% instead.

■ 68759B

■ 68759B

FFFFFF

■ 4F5C81

■ 9CA9D2

■ 374568

■ B8C4EE

■ 1E2F4F

■ D4E0FF

■ 041A38

■ F0FDFD

■ 000023

■ 00000A

■ 000000

■ 68759B

■ 68759B

■ 59699B

■ 78819B

■ 495E9B

■ 878C9B

■ 39529B

■ 97989B

■ 2A479B

■ A6A39B

■ 1A3B9B

■ B5AF9B

■ 0B309B

■ C5BA9B

■ 00289B

■ D5C69B

■ E4D19B

■ F3DD9B

Harmonies

Analogous

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



4C7B9A



68759B



826E92

Triad

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



68759B



996B5D



507F69

Complementary

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



68759B



9B8E68

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.



667C59



68759B



8E7152

Square

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



68759B



9C686F



7C7750



3E807D

Rectangle

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



68759B



8F6A88



7C7750



577F63

Sweetspot

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



68759B



B5BAC9



689B8D



5A5D66



E6E6E6



666666

Same Dimension

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



68759B



7B8FC9



74689B



45474D



00248C



00030D

Inverse Universe

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



9B6875



C97B8F



8F9B68



4D4547



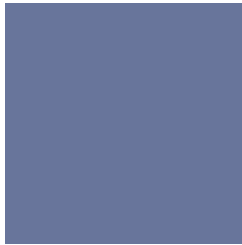
8C0024



0D0003

Previews

White Background



This preview shows how the Hex color 68759B looks on a white background.

Color Contrast Check

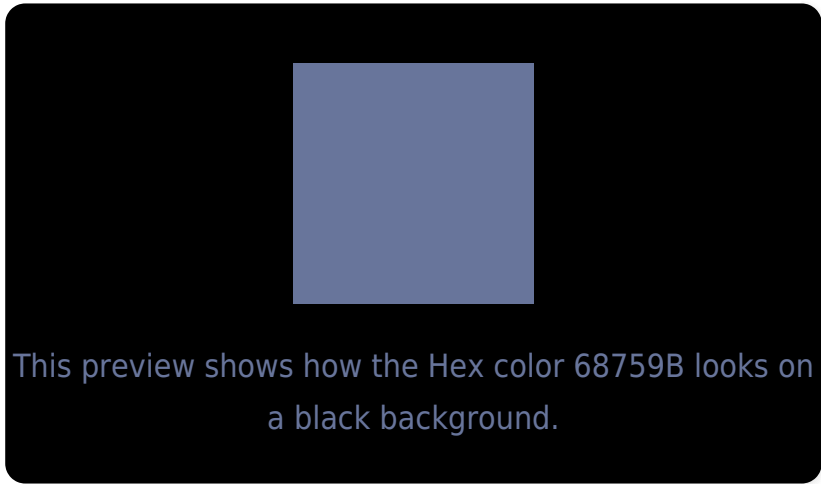
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

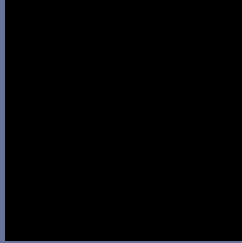
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

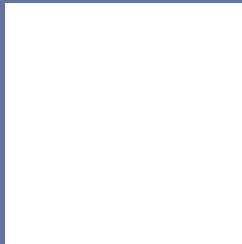
Any Text WCAG AAA × Fail

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

Hex 68759B Background



This preview shows how black text looks on a background with the Hex color 68759B.



This preview shows how white text looks on a background with the Hex color 68759B.

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



Original Color
68759B

Protanopia
6B749A

Deuteranopia
6C749B



Tritanopia
637983

Trichromacy



Original Color
68759B

Protanomaly
6A749A

Deuteranomaly
6B749B

Tritanomaly
65788C

Monochromacy



Original Color
68759B

Achromatopsia
757575

Achromatomaly
707583

CSS Examples

Text

The CSS property to change the color of the text to Hex 68759B 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 #68759B looks like.

```
.text, #text, p{  
    color:#68759B  
}
```

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 #68759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68759B
}
```

Border

The CSS property to change the border of an element to Hex 68759B 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".

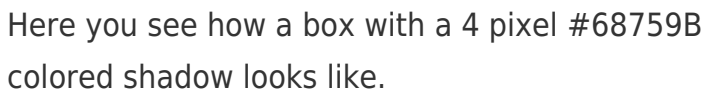
```
.border, #border, table{ border:4px solid
#68759B }
```

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

```
.border{ border-color:#68759B }
```

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

Here you see how a box with a 4 pixel #68759B colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68759B; -webkit-box-shadow:4px 4px  
4px 4px #68759B; box-shadow:4px 4px 4px  
4px #68759B }
```

Background

The CSS property to change the background color of an element to Hex 68759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68759B }
```

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

```
.background{ background-color:#68759B }
```

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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