

Converting Colors

Hex(68769C)

Have a look what the booklet for
Hex(68769C) contains.

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Color

Hex(68769C)

Conversions

Conversions Part 1

Format	Color
Hex	68769C
RGB	104, 118, 156
RGB Percent	41%, 46%, 61%
CMY	0.5922, 0.5373, 0.3882
CMYK	0.33, 0.24, 0.00, 0.39
HSL	224°, 21%, 51%
HSV	224°, 33%, 61%
XYZ	18.1881, 18.3002, 34.0262
YIQ	118.1460, -20.5420, 8.8500

Conversions

Conversions Part 2

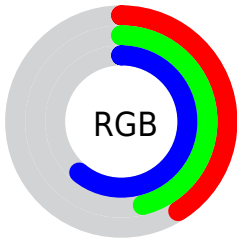
Format	Color
RYB	104, 115, 156
Decimal	6846108
CIELab	49.86, 4.26, -22.17
CIELCh	50, 22.577, 280.868
Yxy	18.3002, 0.2579, 0.2595
Android (android.graphics.Color)	4285036188 (0xFF68769C)
YUV	118.1460, 18.6620, -12.4060
Hunter-Lab	42.7788, 1.0294, -17.2141

Details

The Hex color **68769C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C8E68**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9CAAD3**, and **364669** is the 20% darker color. If you saturate the color by 10%, you get **586B9C**, and if you desaturate by 10%, it is **78819C**.

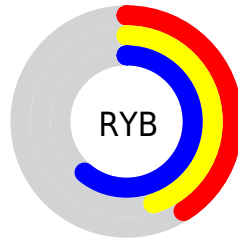
Distribution



Red (41%)

Green (46%)

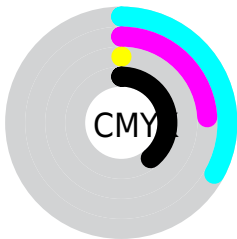
Blue (61%)



Red (41%)

Yellow (45%)

Blue (61%)

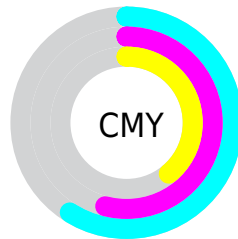


Cyan (33%)

Magenta (24%)

Yellow (0%)

Black (39%)



Cyan (59%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68769C 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 68769C by changing the saturation by 10% instead.

■ 68769C

■ 68769C

FFFFFF

■ 4F5D82

■ 9CAAD3

■ 364669

■ B8C5EF

■ 1E3050

■ D4E1FF

■ 031B39

■ F0FEFF

■ 000024

■ 00000B

■ 000000

■ 68769C

■ 68769C

■ 586B9C

■ 78819C

■ 495F9C

■ 878D9C

■ 39549C

■ 97989C

■ 2A489C

■ A6A49C

■ 1A3D9C

■ B6AF9C

■ 0A329C

■ C6BA9C

■ 002A9C

■ D5C69C

■ E5D19C

■ F4DD9C

Harmonies

Analogous

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



4C7C9A



68769C



826F94

Triad

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



68769C



9A6B5E



528069

Complementary

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



68769C



9C8E68

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.



687D59



68769C



8F7153

Square

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



68769C



9D6870



7D7851



3F817D

Rectangle

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



68769C



906B8A



7D7851



597F63

Sweetspot

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



68769C



B8BDCC



689C8D



5A5D66



E6E6E6



666666

Same Dimension

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



68769C



7A90CC



73689C



47494F



00268F



00040F

Inverse Universe

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



9C6876



CC7A90



919C68



4F4749



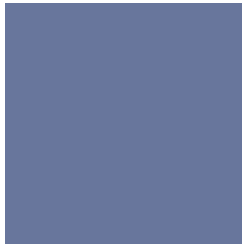
8F0026



0F0004

Previews

White Background



This preview shows how the Hex color 68769C looks on a white background.

Color Contrast Check

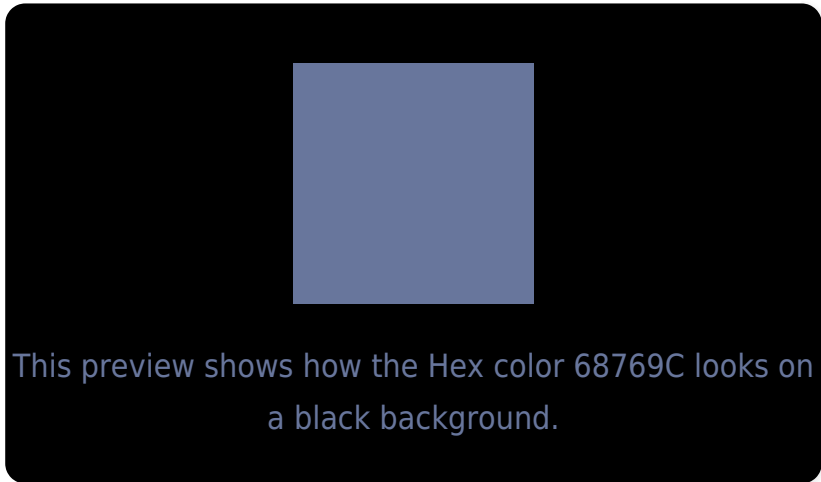
Large Text (above 18pt) WCAG AA ✓ Pass

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

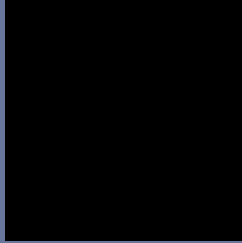
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

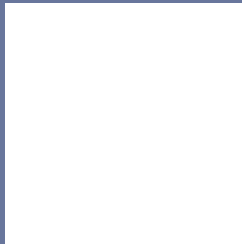
Any Text WCAG AAA × Fail

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

Hex 68769C Background



This preview shows how black text looks on a background with the Hex color 68769C.

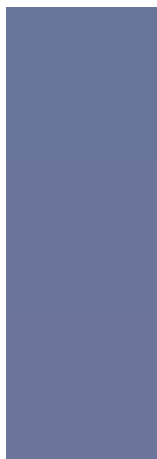


This preview shows how white text looks on a background with the Hex color 68769C.

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
68769C

Protanopia
6C759B

Deuteranopia
6D759C



Tritanopia
637A84

Trichromacy



Original Color
68769C

Protanomaly
6B759B

Deuteranomaly
6B759C

Tritanomaly
65798D

Monochromacy



Original Color
68769C

Achromatopsia
767676

Achromatomaly
717684

CSS Examples

Text

The CSS property to change the color of the text to Hex 68769C 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 #68769C looks like.

```
.text, #text, p{  
    color:#68769C  
}
```

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 #68769C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68769C  
}
```

Border

The CSS property to change the border of an element to Hex 68769C 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  
#68769C }
```

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

```
.border{ border-color:#68769C }
```

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

Here you see how a box with a 4 pixel #68769C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68769C; -webkit-box-shadow:4px 4px  
4px 4px #68769C; box-shadow:4px 4px 4px  
4px #68769C }
```

Background

The CSS property to change the background color of an element to Hex 68769C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68769C }
```

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

```
.background{ background-color:#68769C }
```

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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