

# Converting Colors

Hex(689C68)

Have a look what the booklet for  
Hex(689C68) contains.

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# Color

Hex(689C68)

# Conversions

## Conversions Part 1

Format	Color
Hex	689C68
RGB	104, 156, 104
RGB Percent	41%, 61%, 41%
CMY	0.5922, 0.3882, 0.5922
CMYK	0.33, 0.00, 0.33, 0.39
HSL	120°, 21%, 51%
HSV	120°, 33%, 61%
XYZ	20.0961, 27.7195, 17.3879
YIQ	134.5240, -14.3000, -27.1960

# Conversions

## Conversions Part 2

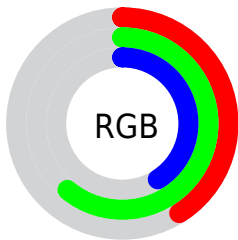
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 156, 156
Decimal	6855784
CIELab	59.63, -28.14, 21.90
CIElCh	60, 35.656, 142.112
Yxy	27.7195, 0.3082, 0.4251
Android (android.graphics.Color)	4285045864 (0xFF689C68)
YUV	134.5240, -15.0483, -26.7695
Hunter-Lab	52.6493, -24.0033, 17.2734

# Details

The Hex color **689C68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C689C**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **9DD39C**, and **366838** is the 20% darker color. If you saturate the color by 10%, you get **589C58**, and if you desaturate by 10%, it is **789C78**.

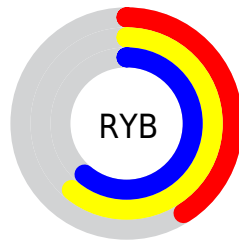
# Distribution



Red (41%)

Green (61%)

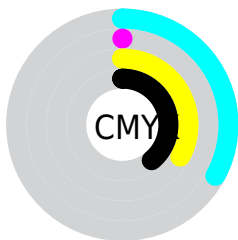
Blue (41%)



Red (41%)

Yellow (61%)

Blue (61%)

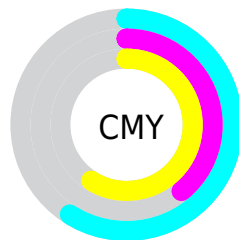


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (39%)



Cyan (59%)

Magenta (39%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 689C68 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 689C68 by changing the saturation by 10% instead.





689C68



689C68

FFFFFF



4F8250



9DD39C



366838



B8EFB7



1D5022



D4FFD2



00380C



F1FFE8



002300



000000



689C68



689C68



589C58



789C78



499C49



879C87

■ 399C39

■ 979C97

■ 2A9C2A

■ A69CA6

■ 1A9C1A

■ B69CB6

■ 0A9C0A

■ C69CC6

■ 009C00

■ D59CD5

■ E59CE5

■ F49CF4

# Harmonies

## Analogous

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



8C9554



689C68



3CA086

# Triad

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



689C68



5095CD



CC787A

# Complementary

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



689C68



9C689C

# 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.



C77899



689C68



878BCA

# Square

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



689C68



009DC0



AF7FB6



C2805F

# Rectangle

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



689C68



0DA09C



AF7FB6



CC7784



# Sweetspot

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



689C68



B8CCB8



9C9C68



5A665A



E6E6E6



666666



# Same Dimension

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



689C68



7ACC7A



689C82



474F47



008F00



000F00



# Inverse Universe

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



9C689C



CC7ACC



9C6882



4F474F



8F008F



0F000F



# Previews

## White Background



This preview shows how the Hex color 689C68 looks on a white background.

## Color Contrast Check

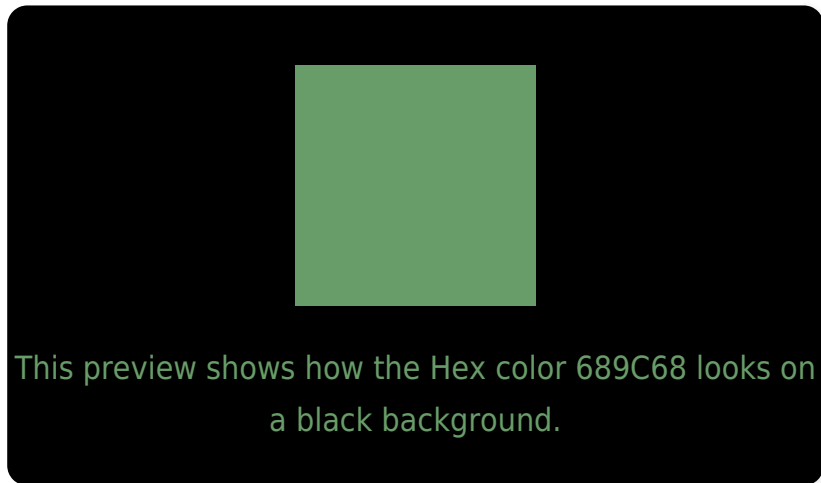
Large Text (above 18pt) WCAG AA ✓ Pass

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

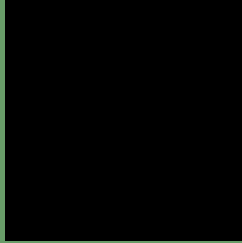
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 689C68 Background



This preview shows how black text looks on a background with the Hex color 689C68.



This preview shows how white text looks on a background with the Hex color 689C68.

# 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**  
7395A1

# Trichromacy



**Original Color**  
689C68

**Protanomaly**  
889464

**Deuteranomaly**  
91906B

**Tritanomaly**  
6F988C

# Monochromacy



**Original Color**  
689C68

**Achromatopsia**  
878787

**Achromatomaly**  
7C8F7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 689C68 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 #689C68 looks like.

```
.text, #text, p{  
    color:#689C68  
}
```

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 #689C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #689C68
}
```

## Border

The CSS property to change the border of an element to Hex 689C68 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
#689C68 }
```

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

```
.border{ border-color:#689C68 }
```

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

Here you see how a box with a 4 pixel #689C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #689C68; -webkit-box-shadow:4px 4px  
4px 4px #689C68; box-shadow:4px 4px 4px  
4px #689C68 }
```

# Background

The CSS property to change the background color of an element to Hex 689C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#689C68 }
```

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

```
.background{ background-color:#689C68 }
```

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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