

Converting Colors

Hex(678F69)

Have a look what the booklet for
Hex(678F69) contains.

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Color

Hex(678F69)

Conversions

Conversions Part 1

Format	Color
Hex	678F69
RGB	103, 143, 105
RGB Percent	40%, 56%, 41%
CMY	0.5961, 0.4392, 0.5882
CMYK	0.28, 0.00, 0.27, 0.44
HSL	123°, 16%, 48%
HSV	123°, 28%, 56%
XYZ	17.9658, 23.5484, 16.9630
YIQ	126.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

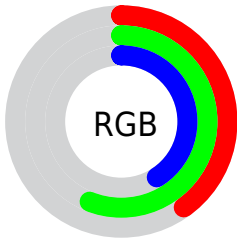
Format	Color
R_{YB}	103, 141, 143
Decimal	6786921
CIE _{Lab}	55.63, -21.81, 15.89
CIE _{LCh}	56, 26.986, 143.929
Yxy	23.5484, 0.3072, 0.4027
Android (android.graphics.Color)	4284977001 (0xFF678F69)
YUV	126.7080, -10.7020, -20.7919
Hunter-Lab	48.5267, -18.8366, 13.2433

Details

The Hex color **678F69** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F678D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9BC59C**, and **365C3A** is the 20% darker color. If you saturate the color by 10%, you get **598F5B**, and if you desaturate by 10%, it is **758F77**.

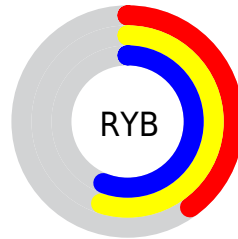
Distribution



Red (40%)

Green (56%)

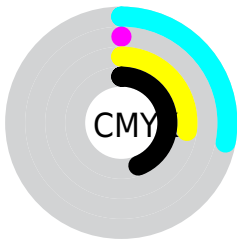
Blue (41%)



Red (40%)

Yellow (55%)

Blue (56%)

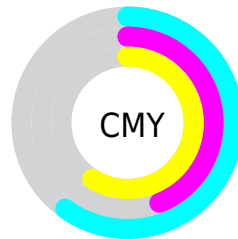


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678F69 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 678F69 by changing the saturation by 10% instead.



678F69



678F69

FFFFFF



4E7551



9BC59C



365C3A



B6E1B7



1F4524



D2FED3



072E0F



EFFFEE



001B00



000000



678F69



678F69



598F5B



758F77



4A8F4E



848F84

■ 3C8F40

■ 928F92

■ 2E8F33

■ A08F9F

■ 208F25

■ AF8FAD

■ 118F17

■ BD8FBB

■ 038F0A

■ CB8FC8

■ 008F07

■ D98FD6

■ E88FE3

Harmonies

Analogous

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



828A5A



678F69



4B9280

Triad

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



678F69



5E89B3



B47573

Complementary

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



678F69



8F678D

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.



B0748B



678F69



8281B0

Square

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



678F69



3E8FAA



9F79A1



AB7A60

Rectangle

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



678F69



3C9290



9F79A1



B4747B

Sweetspot

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



678F69



ABBAAC



8D8F67



555E55



DEDEDE



5E5E5E

Same Dimension

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



678F69



7BBA7E



678F7D



404741



008707



000800

Inverse Universe

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



8F678D



BA7BB7



8F6779



474047



870080



080007

Previews

White Background



This preview shows how the Hex color 678F69 looks on a white background.

Color Contrast Check

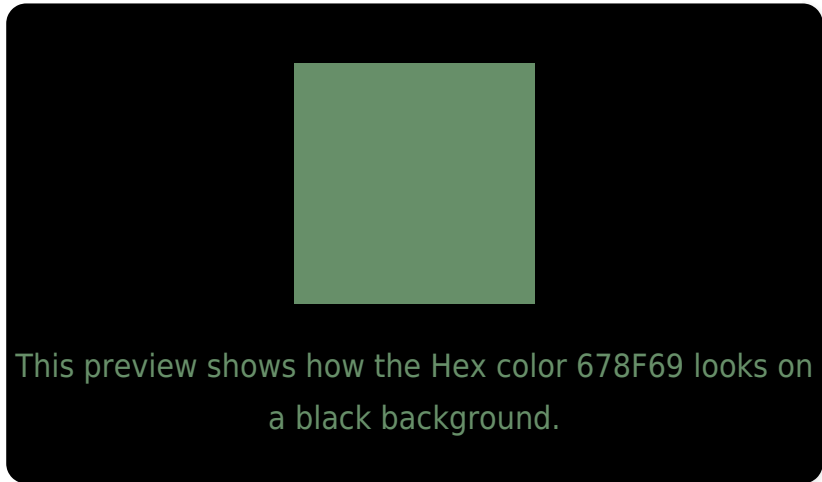
Large Text (above 18pt) WCAG AA ✓ Pass

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

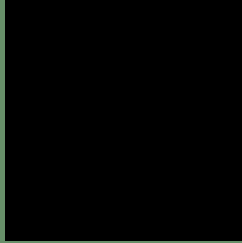
Any Text WCAG AA ✓ Pass

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 678F69 Background



This preview shows how black text looks on a background with the Hex color 678F69.



This preview shows how white text looks on a background with the Hex color 678F69.

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
6F8994

Trichromacy



Original Color
678F69

Protanomaly
808966

Deuteranomaly
87856B

Tritanomaly
6C8B84

Monochromacy



Original Color
678F69

Achromatopsia
7F7F7F

Achromatomaly
768577

CSS Examples

Text

The CSS property to change the color of the text to Hex 678F69 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 #678F69 looks like.

```
.text, #text, p{  
    color:#678F69  
}
```

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 #678F69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678F69
}
```

Border

The CSS property to change the border of an element to Hex 678F69 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
#678F69 }
```

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

```
.border{ border-color:#678F69 }
```

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

Here you see how a box with a 4 pixel #678F69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678F69; -webkit-box-shadow:4px 4px  
4px 4px #678F69; box-shadow:4px 4px 4px  
4px #678F69 }
```

Background

The CSS property to change the background color of an element to Hex 678F69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678F69 }
```

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

```
.background{ background-color:#678F69 }
```

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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