

Converting Colors

Hex(678F6C)

Have a look what the booklet for
Hex(678F6C) contains.

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Color

Hex(678F6C)

Conversions

Conversions Part 1

Format	Color
Hex	678F6C
RGB	103, 143, 108
RGB Percent	40%, 56%, 42%
CMY	0.5961, 0.4392, 0.5765
CMYK	0.28, 0.00, 0.24, 0.44
HSL	128°, 16%, 48%
HSV	128°, 28%, 56%
XYZ	18.1228, 23.6112, 17.7896
YIQ	127.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

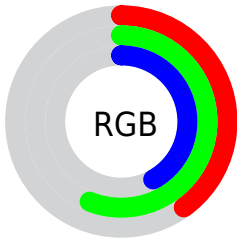
Format	Color
RYB	103, 139, 143
Decimal	6786924
CIELab	55.70, -21.25, 14.28
CIElCh	56, 25.604, 146.107
Yxy	23.6112, 0.3045, 0.3967
Android (android.graphics.Color)	4284977004 (0xFF678F6C)
YUV	127.0500, -9.3916, -21.0918
Hunter-Lab	48.5914, -18.4611, 12.3075

Details

The Hex color **678F6C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F678A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9BC5A0**, and **365C3C** is the 20% darker color. If you saturate the color by 10%, you get **598F5F**, and if you desaturate by 10%, it is **758F79**.

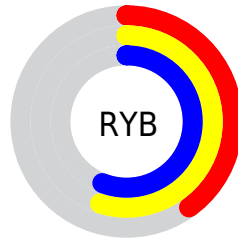
Distribution



Red (40%)

Green (56%)

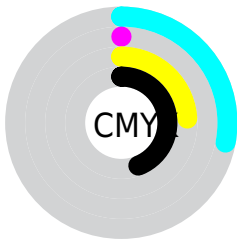
Blue (42%)



Red (40%)

Yellow (55%)

Blue (56%)

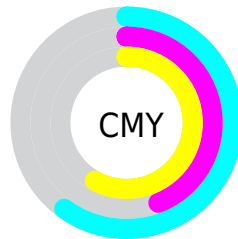


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678F6C 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 678F6C by changing the saturation by 10% instead.

 678F6C

 678F6C

FFFFFF

 4E7554

 9BC5A0

 365C3C

 B6E1BB

 1F4526

 D2FED6

 072E12

 EFFFF3

 001B00

 000000


 678F6C

 678F6C

 598F5F

 758F79

 4A8F53

 848F85

 3C8F46


 928F92

 2E8F3A

 A08F9E

 208F2D

 AF8FAB

 118F21

 BD8FB7

 038F14

 CB8FC4

 008F12

 D98FD0

 E88FDD

Harmonies

Analogous

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



818A5D



678F6C



4E9182

Triad

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



678F6C



6488B1



B27673

Complementary

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



678F6C



8F678A

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.



AF7589



678F6C



8581AD

Square

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



678F6C



468EAA



9F799E



A97C61

Rectangle

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



678F6C



419291



9F799E



B2757A

Sweetspot

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



678F6C



ABBAAD



8A8F67



555E56



DEDEDE



5E5E5E

Same Dimension

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



678F6C



7BBA83



678F80



404741



008711



000801

Inverse Universe

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



8F678A



BA7BB2



8F6776



474047



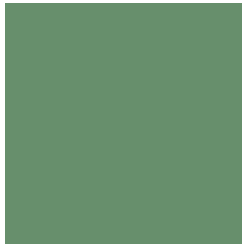
870076



080007

Previews

White Background



This preview shows how the Hex color 678F6C 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

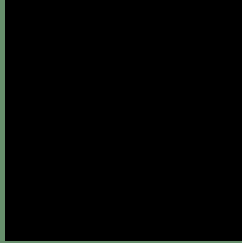
Any Text WCAG AA ✓ Pass

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 678F6C Background



This preview shows how black text looks on a background with the Hex color 678F6C.



This preview shows how white text looks on a background with the Hex color 678F6C.

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



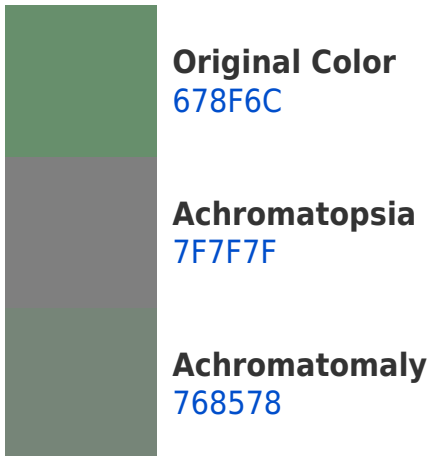


Tritanopia
6F8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678F6C 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 #678F6C looks like.

```
.text, #text, p{  
    color:#678F6C  
}
```

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 #678F6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678F6C
}
```

Border

The CSS property to change the border of an element to Hex 678F6C 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
#678F6C }
```

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

```
.border{ border-color:#678F6C }
```

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

Here you see how a box with a 4 pixel #678F6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678F6C; -webkit-box-shadow:4px 4px  
4px 4px #678F6C; box-shadow:4px 4px 4px  
4px #678F6C }
```

Background

The CSS property to change the background color of an element to Hex 678F6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678F6C }
```

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

```
.background{ background-color:#678F6C }
```

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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