

Converting Colors

Hex(678B4D)

Have a look what the booklet for
Hex(678B4D) contains.

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Color

Hex(678B4D)

Conversions

Conversions Part 1

Format	Color
Hex	678B4D
RGB	103, 139, 77
RGB Percent	40%, 55%, 30%
CMY	0.5961, 0.4549, 0.6980
CMYK	0.26, 0.00, 0.45, 0.45
HSL	95°, 29%, 42%
HSV	95°, 45%, 55%
XYZ	16.1657, 21.8846, 10.3933
YIQ	121.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

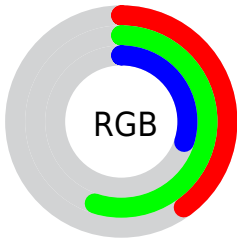
Format	Color
RYB	77, 139, 113
Decimal	6785869
CIELab	53.90, -24.29, 29.12
CIElCh	54, 37.919, 129.825
Yxy	21.8846, 0.3337, 0.4518
Android (android.graphics.Color)	4284975949 (0xFF678B4D)
YUV	121.1680, -21.7748, -15.9333
Hunter-Lab	46.7810, -20.1841, 19.5743

Details

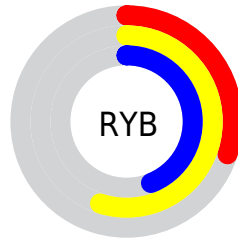
The Hex color **678B4D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **714D8B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9BC17F**, and **36591E** is the 20% darker color. If you saturate the color by 10%, you get **5F8B3F**, and if you desaturate by 10%, it is **6F8B5B**.

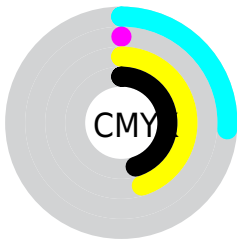
Distribution



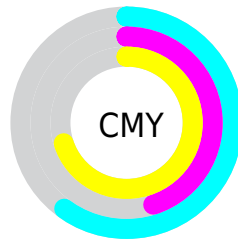
- Red (40%)
- Green (55%)
- Blue (30%)



- Red (30%)
- Yellow (55%)
- Blue (44%)



- Cyan (26%)
- Magenta (0%)
- Yellow (45%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678B4D 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 678B4D by changing the saturation by 10% instead.

 678B4D

 678B4D

FFFFFF

 4E7135

 9BC17F

 36591E

 B7DD99

 1D4107

 D3F9B4

 062B00

 EFFFFD

 001600

 FFFFED

 000000

 678B4D

 678B4D

 5F8B3F

 6F8B5B

 578B31

 778B69

 4F8B23

 7F8B77

 478B15

 878B85

 3F8B07

 8F8B93

 3A8B00

 978BA0

 9F8BAE

 A88BBC

 B08BCA

Harmonies

Analogous

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



8A823F



678B4D



3A9069

Triad

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



678B4D



008ABE



BF6677

Complementary

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



678B4D



714D8B

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.



B26998



678B4D



5F81C1

Square

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



678B4D



0090AA



9274B3



BA6C59

Rectangle

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



678B4D



009280



9274B3



BD6682

Sweetspot

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



678B4D



A7B59E



8B704D



535C4D



DBDBDB



5C5C5C

Same Dimension

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



678B4D



7CB553



4D8B51



41453E



388500



020500

Inverse Universe

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



714D8B



8C53B5



8B4D87



423E45



4D0085



030005

Previews

White Background



This preview shows how the Hex color 678B4D looks on a white background.

Color Contrast Check

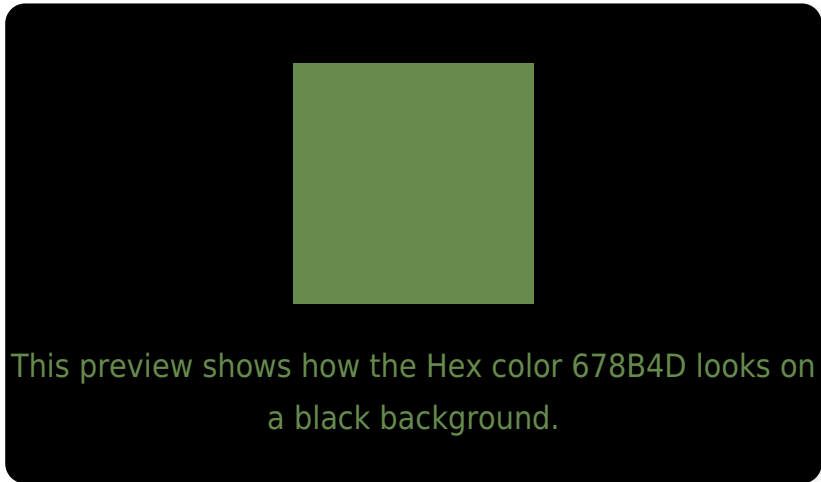
Large Text (above 18pt) WCAG AA ✓ Pass

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 678B4D Background



This preview shows how black text looks on a background with the Hex color 678B4D.



This preview shows how white text looks on a background with the Hex color 678B4D.

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



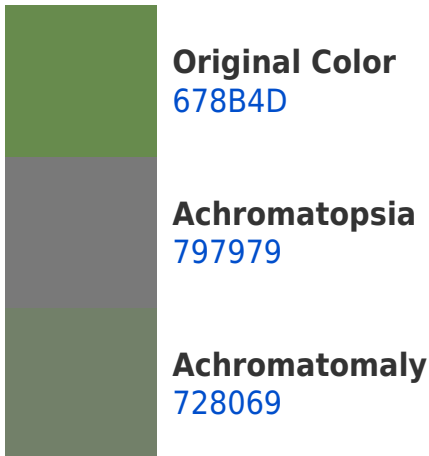


Tritanopia
71848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678B4D 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 #678B4D looks like.

```
.text, #text, p{  
    color:#678B4D  
}
```

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 #678B4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678B4D
}
```

Border

The CSS property to change the border of an element to Hex 678B4D 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
#678B4D }
```

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

```
.border{ border-color:#678B4D }
```

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

Here you see how a box with a 4 pixel #678B4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678B4D; -webkit-box-shadow:4px 4px  
4px 4px #678B4D; box-shadow:4px 4px 4px  
4px #678B4D }
```

Background

The CSS property to change the background color of an element to Hex 678B4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678B4D }
```

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

```
.background{ background-color:#678B4D }
```

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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