

Converting Colors

Hex(678D5E)

Have a look what the booklet for
Hex(678D5E) contains.

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Color

Hex(678D5E)

Conversions

Conversions Part 1

Format	Color
Hex	678D5E
RGB	103, 141, 94
RGB Percent	40%, 55%, 37%
CMY	0.5961, 0.4471, 0.6314
CMYK	0.27, 0.00, 0.33, 0.45
HSL	109°, 20%, 46%
HSV	109°, 33%, 55%
XYZ	17.1388, 22.7415, 14.0759
YIQ	124.2800, -7.5610, -22.6730

Conversions

Conversions Part 2

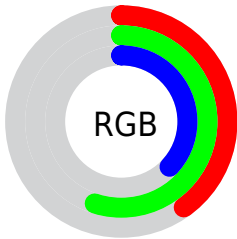
Format	Color
R_{YB}	94, 141, 132
Decimal	6786398
CIE _{Lab}	54.81, -22.72, 20.95
CIE _{LCh}	55, 30.902, 137.316
Yxy	22.7415, 0.3176, 0.4215
Android (android.graphics.Color)	4284976478 (0xFF678D5E)
YUV	124.2800, -14.9280, -18.6626
Hunter-Lab	47.6880, -19.3022, 15.8812

Details

The Hex color **678D5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **845E8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9BC391**, and **365B2F** is the 20% darker color. If you saturate the color by 10%, you get **5C8D50**, and if you desaturate by 10%, it is **728D6C**.

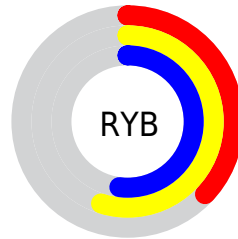
Distribution



Red (40%)

Green (55%)

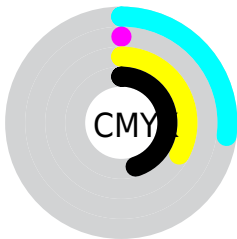
Blue (37%)



Red (37%)

Yellow (55%)

Blue (52%)

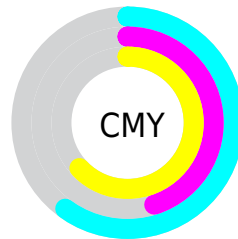


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678D5E 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 678D5E by changing the saturation by 10% instead.



678D5E



678D5E

FFFFFF



4E7346



9BC391



365B2F



B6DFAB



1F4319



D2FCC7



082C00



EFFFE3



001900



000000



678D5E



678D5E



5C8D50



728D6C



508D42



7E8D7A

 458D34

 898D88

 398D26

 958D96

 2E8D18

 A08DA5

 238D09

 AB8DB3

 1B8D00

 B78DC1

 C28DCF

 CE8DDD

Harmonies

Analogous

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



85864F



678D5E



459177

Triad

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



678D5E



4989B7



B86F75

Complementary

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



678D5E



845E8D

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.



B07090



678D5E



7680B6

Square

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



678D5E



1A8FAA



9977A8



B1755D

Rectangle

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



678D5E



2B9289



9977A8



B76E7E

Sweetspot

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



678D5E



A9B8A5



8D845E



535C51



DBDBDB



5C5C5C

Same Dimension

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



678D5E



7CB86E



5E8D6C



424740



1A8700



010800

Inverse Universe

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



845E8D



AA6EB8



8D5E7F



464047



6D0087



060008

Previews

White Background



This preview shows how the Hex color 678D5E 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 678D5E Background



This preview shows how black text looks on a background with the Hex color 678D5E.



This preview shows how white text looks on a background with the Hex color 678D5E.

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](#).

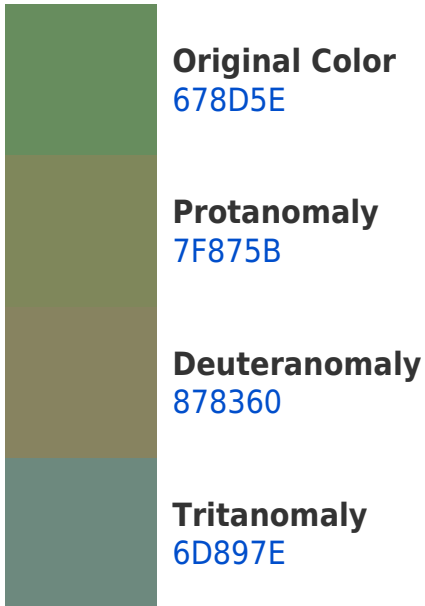
Dichromacy



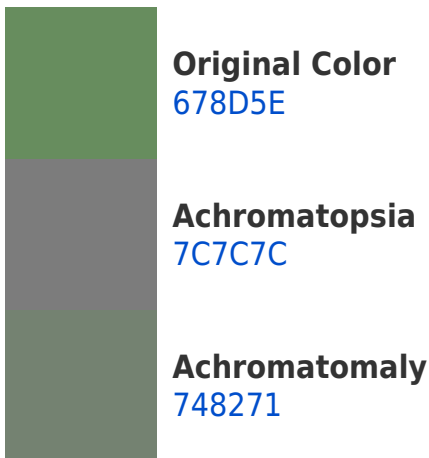


Tritanopia
708791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678D5E 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 #678D5E looks like.

```
.text, #text, p{  
    color:#678D5E  
}
```

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 #678D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678D5E
}
```

Border

The CSS property to change the border of an element to Hex 678D5E 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".

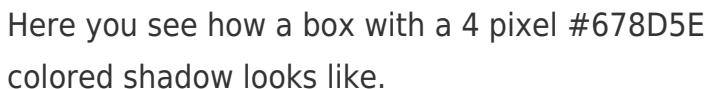
```
.border, #border, table{ border:4px solid
#678D5E }
```

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

```
.border{ border-color:#678D5E }
```

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

Here you see how a box with a 4 pixel #678D5E colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678D5E; -webkit-box-shadow:4px 4px  
4px 4px #678D5E; box-shadow:4px 4px 4px  
4px #678D5E }
```

Background

The CSS property to change the background color of an element to Hex 678D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678D5E }
```

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

```
.background{ background-color:#678D5E }
```

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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