

Converting Colors

Hex(678850)

Have a look what the booklet for
Hex(678850) contains.

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Color

Hex(678850)

Conversions

Conversions Part 1

Format	Color
Hex	678850
RGB	103, 136, 80
RGB Percent	40%, 53%, 31%
CMY	0.5961, 0.4667, 0.6863
CMYK	0.24, 0.00, 0.41, 0.47
HSL	95°, 26%, 42%
HSV	95°, 41%, 53%
XYZ	15.8456, 21.0711, 10.8214
YIQ	119.7490, -1.6920, -24.4120

Conversions

Conversions Part 2

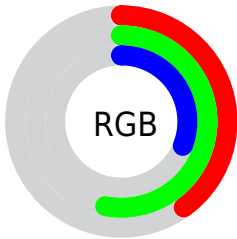
Format	Color
RYB	80, 136, 113
Decimal	6785104
CIELab	53.03, -22.34, 26.37
CIElCh	53, 34.565, 130.275
Yxy	21.0711, 0.3319, 0.4414
Android (android.graphics.Color)	4284975184 (0xFF678850)
YUV	119.7490, -19.5963, -14.6889
Hunter-Lab	45.9032, -18.7131, 18.1550

Details

The Hex color **678850** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **715088**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9BBD82**, and **365622** is the 20% darker color. If you saturate the color by 10%, you get **5F8842**, and if you desaturate by 10%, it is **6F885E**.

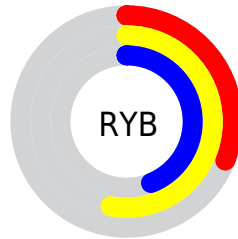
Distribution



Red (40%)

Green (53%)

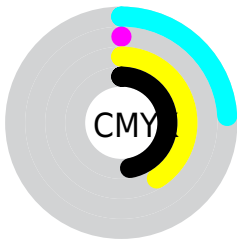
Blue (31%)



Red (31%)

Yellow (53%)

Blue (44%)

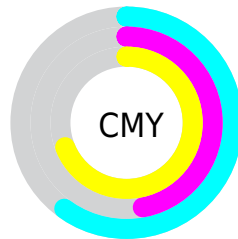


Cyan (24%)

Magenta (0%)

Yellow (41%)

Black (47%)



Cyan (60%)

Magenta (47%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678850 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 678850 by changing the saturation by 10% instead.

 678850

 678850

FFFFFF

 4E6F38

 9BBD82

 365622

 B6D99C

 1E3F0B

 D2F6B7

 092800

 EFFFFD3

 001300

 FFFFF0

 000000

 678850

 678850

 5F8842

 6F885E

 578835

 77886B

■ 4F8827

■ 7F8879

■ 47881A

■ 878886

■ 3F880C

■ 8F8894

■ 388800

■ 9788A2

■ 9F88AF

■ A788BD

■ AF88CA

Harmonies

Analogous

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



878043



678850



408D6A

Triad

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



678850



2187B6



B86775

Complementary

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



678850



715088

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.



AC6A93



678850



627EB9

Square

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



678850



008DA4



8F73AC



B36C5A

Rectangle

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



678850



188E7E



8F73AC



B5677F

Sweetspot

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



678850



A4B09B



887150



52594D



D9D9D9



595959

Same Dimension

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



678850



7DB05A



508855



41453E



368500



020500

Inverse Universe

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



715088



8D5AB0



885083



423E45



4E0085



030005

Previews

White Background



This preview shows how the Hex color 678850 looks on a white background.

Color Contrast Check

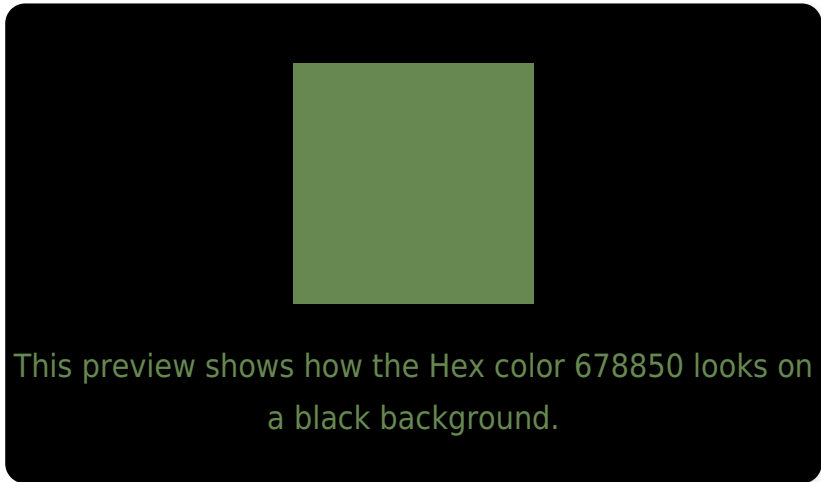
Large Text (above 18pt) WCAG AA ✓ Pass

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

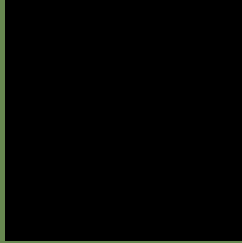
Any Text WCAG AA ✓ Pass

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 678850 Background



This preview shows how black text looks on a background with the Hex color 678850.



This preview shows how white text looks on a background with the Hex color 678850.

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
70818B

Trichromacy



Original Color
678850

Protanomaly
7D824D

Deuteranomaly
867E53

Tritanomaly
6D8476

Monochromacy



Original Color
678850

Achromatopsia
787878

Achromatomaly
727E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 678850 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 #678850 looks like.

```
.text, #text, p{  
    color:#678850  
}
```

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 #678850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678850
}
```

Border

The CSS property to change the border of an element to Hex 678850 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
#678850 }
```

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

```
.border{ border-color:#678850 }
```

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

Here you see how a box with a 4 pixel #678850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678850; -webkit-box-shadow:4px 4px  
4px 4px #678850; box-shadow:4px 4px 4px  
4px #678850 }
```

Background

The CSS property to change the background color of an element to Hex 678850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678850 }
```

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

```
.background{ background-color:#678850 }
```

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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