

Converting Colors

Hex(688C4C)

Have a look what the booklet for
Hex(688C4C) contains.

Hex(688C4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(688C4C)

Conversions

Conversions Part 1

Format	Color
Hex	688C4C
RGB	104, 140, 76
RGB Percent	41%, 55%, 30%
CMY	0.5922, 0.4510, 0.7020
CMYK	0.26, 0.00, 0.46, 0.45
HSL	94°, 30%, 42%
HSV	94°, 46%, 55%
XYZ	16.3915, 22.2210, 10.2626
YIQ	121.9400, -0.9120, -27.5360

Conversions

Conversions Part 2

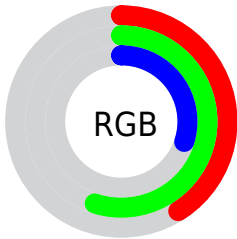
Format	Color
RYB	76, 140, 112
Decimal	6851660
CIELab	54.26, -24.54, 30.12
CIELCh	54, 38.850, 129.167
Yxy	22.2210, 0.3354, 0.4546
Android (android.graphics.Color)	4285041740 (0xFF688C4C)
YUV	121.9400, -22.6484, -15.7334
Hunter-Lab	47.1392, -20.4245, 20.0894

Details

The Hex color **688C4C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **704C8C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9DC27E**, and **365A1D** is the 20% darker color. If you saturate the color by 10%, you get **608C3E**, and if you desaturate by 10%, it is **708C5A**.

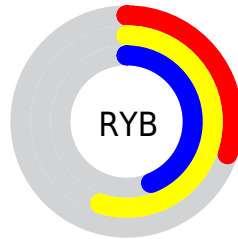
Distribution



Red (41%)

Green (55%)

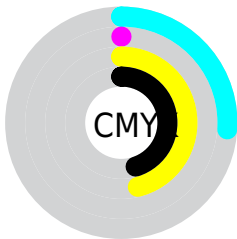
Blue (30%)



Red (30%)

Yellow (55%)

Blue (44%)

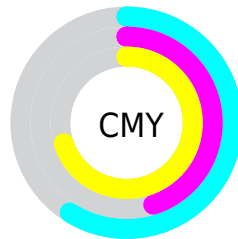


Cyan (26%)

Magenta (0%)

Yellow (46%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688C4C 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 688C4C by changing the saturation by 10% instead.

 688C4C

 688C4C

FFFFFF

 4F7234

 9DC27E

 365A1D

 B8DE98

 1E4205

 D4FAB3

 062B00

 F1FFCF

 001700

 FFFFEB

 000000

 688C4C

 688C4C

 608C3E

 708C5A

 588C30

 788C68

 508C22

 808C76

 498C14

 888C84

 418C06

 8F8C92

 3D8C00

 978CA0

 9F8CAE

 A78CBC

 AF8CCA

Harmonies

Analogous

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



8C833D



688C4C



399169

Triad

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



688C4C



008CC0



C16679

Complementary

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



688C4C



704C8C

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.



B36A9A



688C4C



5D82C4

Square

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



688C4C



0091AB



9275B6



BD6C59

Rectangle

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



688C4C



009380



9275B6



BF6684

Sweetspot

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



688C4C



A7B59C



8C6F4C



535C4C



DBDBDB



5C5C5C

Same Dimension

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



688C4C



7DB551



4C8C4F



41453E



3A8500



020500

Inverse Universe

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



704C8C



8951B5



8C4C89



423E45



4B0085



030005

Previews

White Background



This preview shows how the Hex color 688C4C looks on a white background.

Color Contrast Check

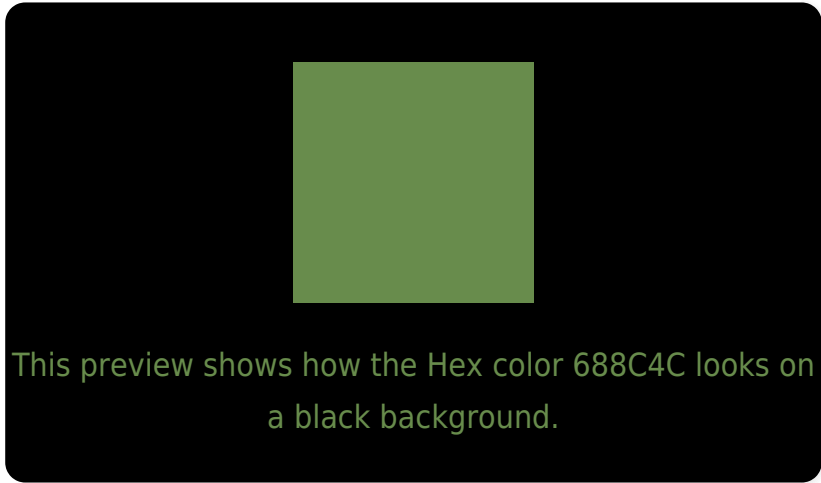
Large Text (above 18pt) WCAG AA ✓ Pass

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 688C4C Background



This preview shows how black text looks on a background with the Hex color 688C4C.



This preview shows how white text looks on a background with the Hex color 688C4C.

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](#).

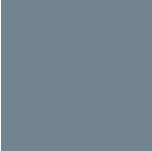
Dichromacy



Original Color
688C4C

Protanopia
8E8148

Deuteranopia
9C7C50



Tritanopia
72848F

Trichromacy



Original Color
688C4C

Protanomaly
808549

Deuteranomaly
89824F

Tritanomaly
6E8777

Monochromacy



Original Color
688C4C

Achromatopsia
7A7A7A

Achromatomaly
738169

CSS Examples

Text

The CSS property to change the color of the text to Hex 688C4C 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 #688C4C looks like.

```
.text, #text, p{  
    color:#688C4C  
}
```

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 #688C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688C4C  
}
```

Border

The CSS property to change the border of an element to Hex 688C4C 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  
#688C4C }
```

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

```
.border{ border-color:#688C4C }
```

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

Here you see how a box with a 4 pixel #688C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688C4C; -webkit-box-shadow:4px 4px  
4px 4px #688C4C; box-shadow:4px 4px 4px  
4px #688C4C }
```

Background

The CSS property to change the background color of an element to Hex 688C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688C4C }
```

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

```
.background{ background-color:#688C4C }
```

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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