

Converting Colors

Hex(688B49)

Have a look what the booklet for
Hex(688B49) contains.

Hex(688B49)	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(688B49)

Conversions

Conversions Part 1

Format	Color
Hex	688B49
RGB	104, 139, 73
RGB Percent	41%, 55%, 29%
CMY	0.5922, 0.4549, 0.7137
CMYK	0.25, 0.00, 0.47, 0.45
HSL	92°, 31%, 42%
HSV	92°, 47%, 55%
XYZ	16.1441, 21.8893, 9.6775
YIQ	121.0110, 0.3260, -27.9460

Conversions

Conversions Part 2

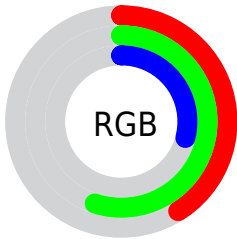
Format	Color
RYB	73, 139, 108
Decimal	6851401
CIELab	53.91, -24.43, 31.28
CIELCh	54, 39.688, 127.991
Yxy	21.8893, 0.3384, 0.4588
Android (android.graphics.Color)	4285041481 (0xFF688B49)
YUV	121.0110, -23.6694, -14.9186
Hunter-Lab	46.7860, -20.2818, 20.4863

Details

The Hex color **688B49** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6C498B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **9DC17B**, and **36591A** is the 20% darker color. If you saturate the color by 10%, you get **618B3B**, and if you desaturate by 10%, it is **6F8B57**.

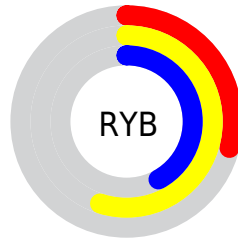
Distribution



Red (41%)

Green (55%)

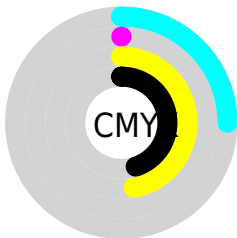
Blue (29%)



Red (29%)

Yellow (55%)

Blue (42%)

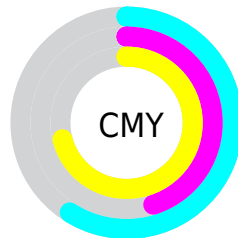


Cyan (25%)

Magenta (0%)

Yellow (47%)

Black (45%)



Cyan (59%)

Magenta (45%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688B49 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 688B49 by changing the saturation by 10% instead.



688B49



688B49

FFFFFF



4F7131



9DC17B



36591A



B8DD95



1E4101



D4F9B0



062B00



F1FFCC



001600



FFFFE8



000000



688B49



688B49



618B3B



6F8B57



598B2D



778B65

■ 528B1F

■ 7E8B73

■ 4B8B11

■ 858B81

■ 438B04

■ 8D8B8F

■ 418B00

■ 948B9C

■ 9C8BAA

■ A38BB8

■ AA8BC6

Harmonies

Analogous

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



8D823B



688B49



389066

Triad

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



688B49



008BC0



C16479

Complementary

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



688B49



6C498B

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.



B2689B



688B49



5881C4

Square

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



688B49



0091AA



9074B7



BD6A58

Rectangle

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



688B49



00927D



9074B7



BE6485

Sweetspot

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



688B49



A8B59C



8B6B49



545C4C



DBDBDB



5C5C5C

Same Dimension

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



688B49



7EB54E



498B4A



41453E



3E8500



020500

Inverse Universe

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



6C498B



854EB5



8B498A



423E45



460085



030005

Previews

White Background



This preview shows how the Hex color 688B49 looks on a white background.

Color Contrast Check

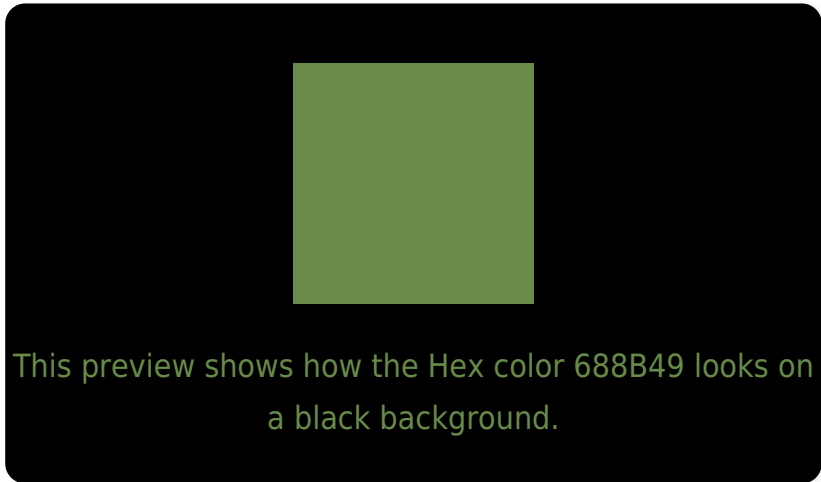
Large Text (above 18pt) WCAG AA ✓ Pass

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 688B49 Background



This preview shows how black text looks on a background with the Hex color 688B49.



This preview shows how white text looks on a background with the Hex color 688B49.

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](#).

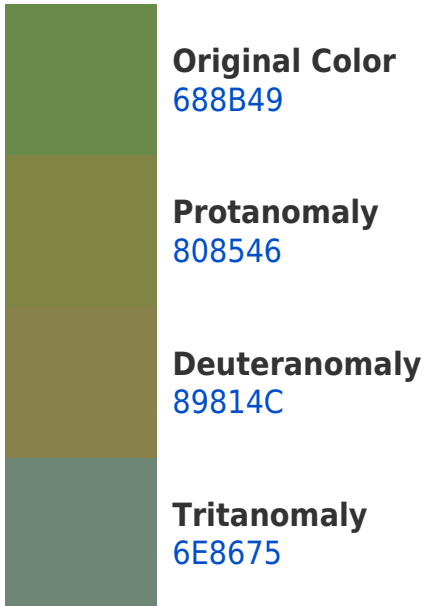
Dichromacy



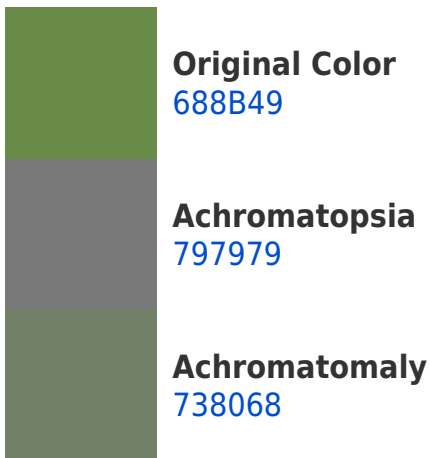


Tritanopia
72838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 688B49 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 #688B49 looks like.

```
.text, #text, p{  
    color:#688B49  
}
```

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 #688B49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688B49
}
```

Border

The CSS property to change the border of an element to Hex 688B49 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
#688B49 }
```

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

```
.border{ border-color:#688B49 }
```

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

Here you see how a box with a 4 pixel #688B49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688B49; -webkit-box-shadow:4px 4px  
4px 4px #688B49; box-shadow:4px 4px 4px  
4px #688B49 }
```

Background

The CSS property to change the background color of an element to Hex 688B49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688B49 }
```

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

```
.background{ background-color:#688B49 }
```

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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