

Converting Colors

Hex(688049)

Have a look what the booklet for
Hex(688049) contains.

Hex(688049)	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(688049)

Conversions

Conversions Part 1

Format	Color
Hex	688049
RGB	104, 128, 73
RGB Percent	41%, 50%, 29%
CMY	0.5922, 0.4980, 0.7137
CMYK	0.19, 0.00, 0.43, 0.50
HSL	86°, 27%, 39%
HSV	86°, 43%, 50%
XYZ	14.6307, 18.8624, 9.1730
YIQ	114.5540, 3.3510, -22.1930

Conversions

Conversions Part 2

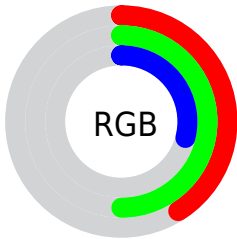
Format	Color
RYB	73, 128, 97
Decimal	6848585
CIELab	50.53, -18.78, 27.02
CIELCh	51, 32.911, 124.803
Yxy	18.8624, 0.3429, 0.4421
Android (android.graphics.Color)	4285038665 (0xFF688049)
YUV	114.5540, -20.4861, -9.2559
Hunter-Lab	43.4309, -15.8723, 17.8790

Details

The Hex color **688049** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **614980**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9CB57B**, and **374F1B** is the 20% darker color. If you saturate the color by 10%, you get **62803C**, and if you desaturate by 10%, it is **6E8056**.

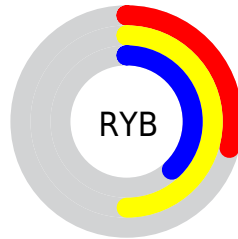
Distribution



Red (41%)

Green (50%)

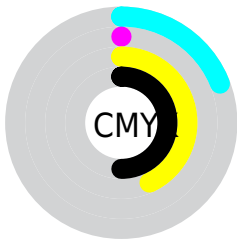
Blue (29%)



Red (29%)

Yellow (50%)

Blue (38%)

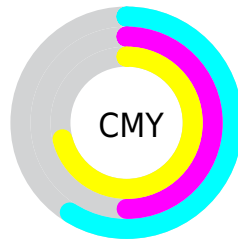


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (50%)



Cyan (59%)

Magenta (50%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688049 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 688049 by changing the saturation by 10% instead.



688049



688049

FFFFFF



4F6732



9CB57B



374F1B



B7D095



203803



D3EDAF



092200



F0FFCB



000400



FFFFE7



000000



688049



688049



62803C



6E8056



5D802F



738063

 578023

 79806F

 528016

 7E807C

 4C8009

 848089

 488000

 8A8096

 8F80A3

 9580AF

 9A80BC

Harmonies

Analogous

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



86783F



688049



45855F

Triad

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



688049



1082AA



AD6275

Complementary

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



688049



614980

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.



9F6691



688049



557AB0

Square

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



688049



008697



816FA6



AC655A

Rectangle

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



688049



268772



816FA6



AA627E

Sweetspot

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



688049



9CA690



806149



4E5447



D4D4D4



545454

Same Dimension

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



688049



80A650



4D8049



3D4039



488000



000000

Inverse Universe

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



614980



7550A6



7C4980



3C3940



380080



000000

Previews

White Background



This preview shows how the Hex color 688049 looks on a white background.

Color Contrast Check

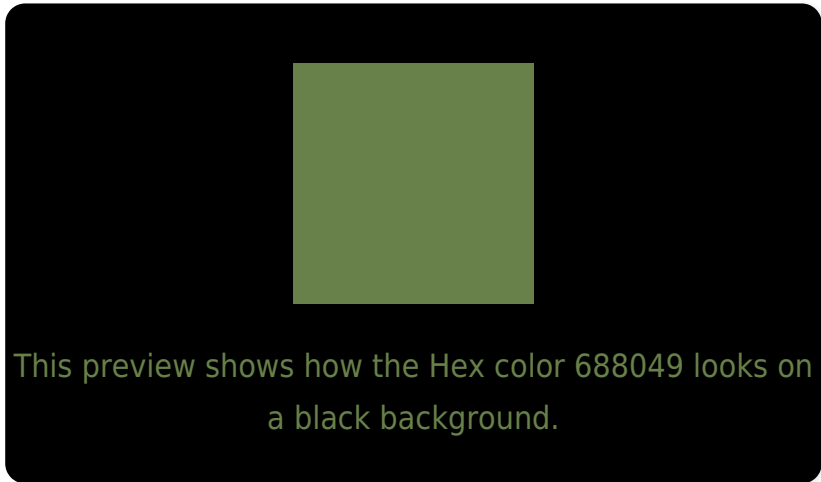
Large Text (above 18pt) WCAG AA ✓ Pass

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

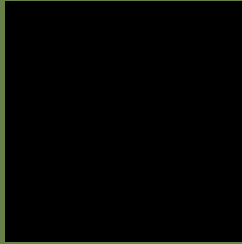
Any Text WCAG AA ✓ Pass

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 688049 Background



This preview shows how black text looks on a background with the Hex color 688049.



This preview shows how white text looks on a background with the Hex color 688049.

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
688049

Protanopia
837846

Deuteranopia
91734C



Tritanopia
707983

Trichromacy



Original Color
688049

Protanomaly
797B47

Deuteranomaly
82784B

Tritanomaly
6D7C6E

Monochromacy



Original Color
688049

Achromatopsia
737373

Achromatomaly
6F7864

CSS Examples

Text

The CSS property to change the color of the text to Hex 688049 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 #688049 looks like.

```
.text, #text, p{  
    color:#688049  
}
```

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 #688049 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688049
}
```

Border

The CSS property to change the border of an element to Hex 688049 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
#688049 }
```

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

```
.border{ border-color:#688049 }
```

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

Here you see how a box with a 4 pixel #688049 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688049; -webkit-box-shadow:4px 4px  
4px 4px #688049; box-shadow:4px 4px 4px  
4px #688049 }
```

Background

The CSS property to change the background color of an element to Hex 688049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688049 }
```

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

```
.background{ background-color:#688049 }
```

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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