

Converting Colors

Hex(688A68)

Have a look what the booklet for
Hex(688A68) contains.

Hex(688A68)	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(688A68)

Conversions

Conversions Part 1

Format	Color
Hex	688A68
RGB	104, 138, 104
RGB Percent	41%, 54%, 41%
CMY	0.5922, 0.4588, 0.5922
CMYK	0.25, 0.00, 0.25, 0.46
HSL	120°, 14%, 47%
HSV	120°, 25%, 54%
XYZ	17.2961, 22.1195, 16.4546
YIQ	123.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

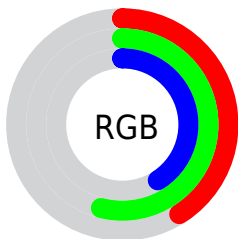
Format	Color
RYB	104, 138, 138
Decimal	6851176
CIELab	54.15, -19.05, 14.42
CIELCh	54, 23.892, 142.863
Yxy	22.1195, 0.3096, 0.3959
Android (android.graphics.Color)	4285041256 (0xFF688A68)
YUV	123.9580, -9.8393, -17.5032
Hunter-Lab	47.0314, -16.6603, 12.1785

Details

The Hex color **688A68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A688A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9CC09B**, and **385839** is the 20% darker color. If you saturate the color by 10%, you get **5A8A5A**, and if you desaturate by 10%, it is **768A76**.

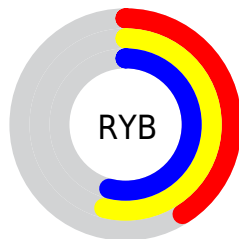
Distribution



Red (41%)

Green (54%)

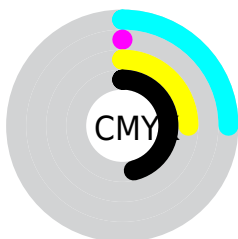
Blue (41%)



Red (41%)

Yellow (54%)

Blue (54%)

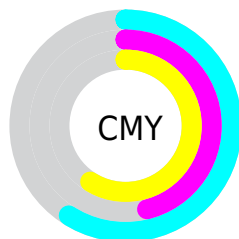


Cyan (25%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 688A68 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 688A68 by changing the saturation by 10% instead.



688A68



688A68

FFFFFF



4F7050



9CC09B



385839



B7DBB6



214023



D3F8D2



0A2A0E



EFFFEE



001700



000000



688A68



688A68



5A8A5A



768A76




4C8A4C



848A84

 3F8A3F

 918A91

 318A31

 9F8A9F

 238A23

 AD8AAD

 158A15

 BB8ABB

 078A07

 C98AC9

 008A00

 D68AD6

 E48AE4

Harmonies

Analogous

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



80855B



688A68



518D7C

Triad

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



688A68



6085AA



AB7372

Complementary

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



688A68



8A688A

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.



A77387



688A68



7E7EA7

Square

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



688A68



478AA2



97779B



A47861

Rectangle

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



688A68



458D8A



97779B



AB7279

Sweetspot

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



688A68



A6B3A6



8A8A68



525952



D9D9D9



595959

Same Dimension

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



688A68



7DB37D



688A79



3E453E



008500



000500

Inverse Universe

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



8A688A



B37DB3



8A6879



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 688A68 looks on a white background.

Color Contrast Check

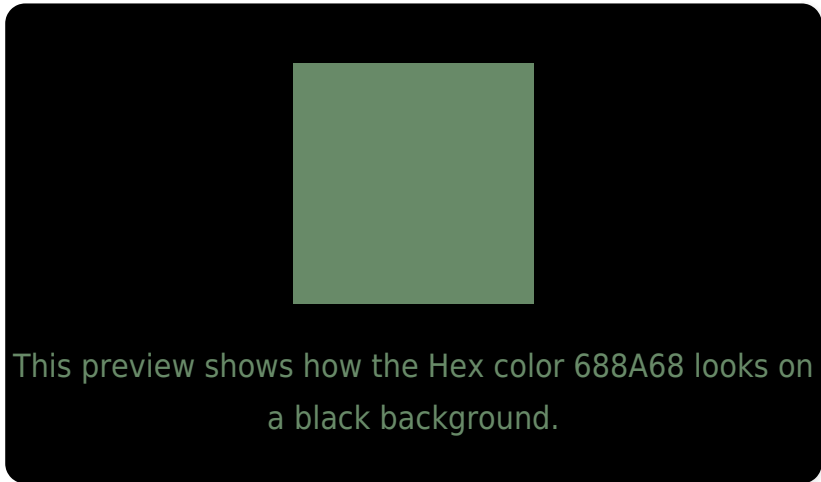
Large Text (above 18pt) WCAG AA ✓ Pass

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

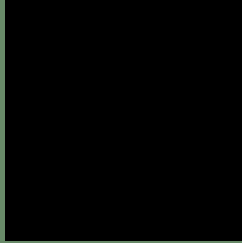
Any Text WCAG AA ✓ Pass

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 688A68 Background



This preview shows how black text looks on a background with the Hex color 688A68.



This preview shows how white text looks on a background with the Hex color 688A68.

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
688A68

Protanopia
8A8164

Deuteranopia
957C6B



Tritanopia
6F858F

Trichromacy



Original Color
688A68

Protanomaly
7E8465

Deuteranomaly
85816A

Tritanomaly
6C8781

Monochromacy



Original Color
688A68

Achromatopsia
7C7C7C

Achromatomaly
758175

CSS Examples

Text

The CSS property to change the color of the text to Hex 688A68 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 #688A68 looks like.

```
.text, #text, p{  
    color:#688A68  
}
```

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 #688A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688A68
}
```

Border

The CSS property to change the border of an element to Hex 688A68 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
#688A68 }
```

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

```
.border{ border-color:#688A68 }
```

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

Here you see how a box with a 4 pixel #688A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688A68; -webkit-box-shadow:4px 4px  
4px 4px #688A68; box-shadow:4px 4px 4px  
4px #688A68 }
```

Background

The CSS property to change the background color of an element to Hex 688A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688A68 }
```

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

```
.background{ background-color:#688A68 }
```

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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