

# Converting Colors

Hex(698A68)

Have a look what the booklet for  
Hex(698A68) contains.

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# Color

Hex(698A68)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	698A68
RGB	105, 138, 104
RGB Percent	41%, 54%, 41%
CMY	0.5882, 0.4588, 0.5922
CMYK	0.24, 0.00, 0.25, 0.46
HSL	118°, 14%, 47%
HSV	118°, 25%, 54%
XYZ	17.4129, 22.1797, 16.4601
YIQ	124.2570, -8.7540, -17.5700

# Conversions

## Conversions Part 2

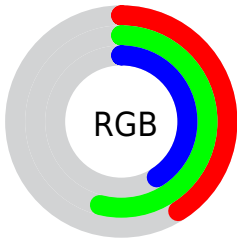
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 138, 137</a>
Decimal	<a href="#">6916712</a>
CIELab	<a href="#">54.22, -18.68, 14.52</a>
CIElCh	<a href="#">54, 23.665, 142.145</a>
Yxy	<a href="#">22.1797, 0.3107, 0.3957</a>
Android (android.graphics.Color)	<a href="#">4285106792 (0xFF698A68)</a>
YUV	<a href="#">124.2570, -9.9867, -16.8884</a>
Hunter-Lab	<a href="#">47.0953, -16.4188, 12.2446</a>

# Details

The Hex color **698A68** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **89688A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9DC09B**, and **395839** is the 20% darker color. If you saturate the color by 10%, you get **5C8A5A**, and if you desaturate by 10%, it is **768A76**.

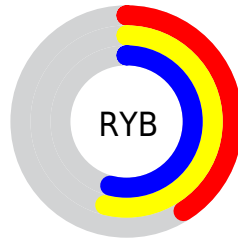
# Distribution



Red (41%)

Green (54%)

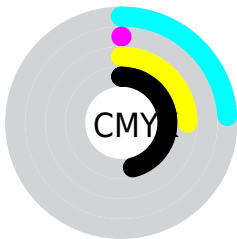
Blue (41%)



Red (41%)

Yellow (54%)

Blue (54%)

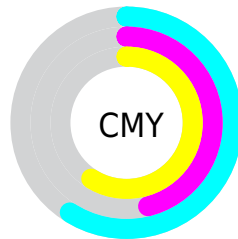


Cyan (24%)

Magenta (0%)

Yellow (25%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 698A68 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 698A68 by changing the saturation by 10% instead.





698A68



698A68

FFFFFF



507050



9DC09B



395839



B8DBB6



224023



D4F8D2



0C2A0E



F0FFEE



001700



000000



698A68



698A68



5C8A5A



768A76



4E8A4C



848A84

 418A3F

 918A91

 338A31

 9F8A9F

 268A23


 AC8AAD

 198A15

 B98ABB

 0B8A07

 C78AC9

 048A00

 D48AD6

 E28AE4

# Harmonies

## Analogous

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



80855B



698A68



528D7B

# Triad

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



698A68



6085AA



AB7373

# Complementary

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



698A68



89688A

# 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.



A67388



698A68



7D7EA7

# Square

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



698A68



478AA1



97779B



A47862

# Rectangle

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



698A68



468D89



97779B



AB737A



# Sweetspot

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



698A68



A6B3A6



8A8968



525952



D9D9D9



595959



# Same Dimension

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



698A68



7FB37D



688A78



3E453E



048500



000500



# Inverse Universe

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



89688A



B17DB3



8A687A



453E45



810085



050005



# Previews

## White Background



This preview shows how the Hex color 698A68 looks on a white background.

## Color Contrast Check

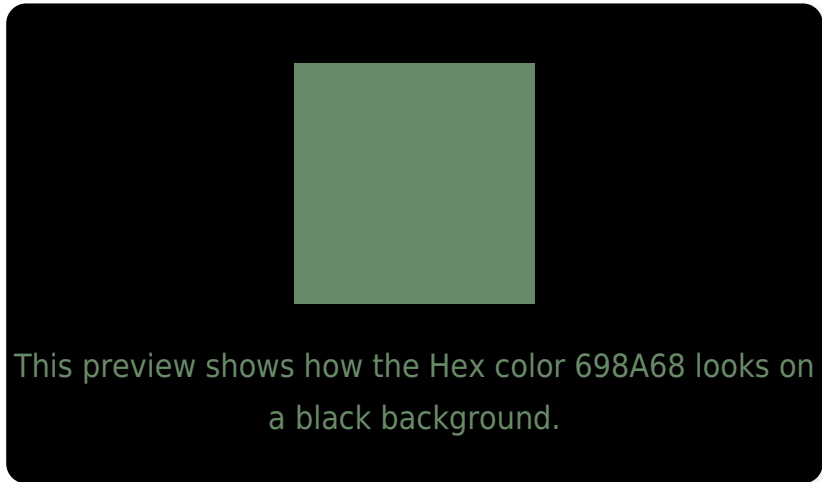
Large Text (above 18pt) WCAG AA ✓ Pass

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

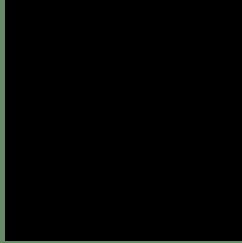
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 698A68 Background



This preview shows how black text looks on a background with the Hex color 698A68.

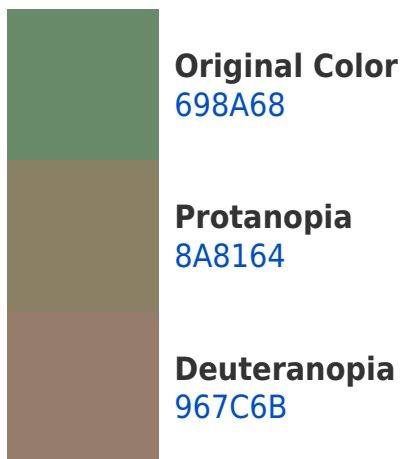


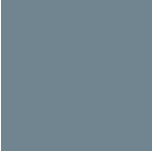
This preview shows how white text looks on a background with the Hex color 698A68.

# 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**  
70858F

# Trichromacy



**Original Color**  
698A68

**Protanomaly**  
7E8465

**Deuteranomaly**  
86816A

**Tritanomaly**  
6D8781

# Monochromacy



**Original Color**  
698A68

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
758175

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 698A68 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 #698A68 looks like.

```
.text, #text, p{  
    color:#698A68  
}
```

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 #698A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #698A68
}
```

## Border

The CSS property to change the border of an element to Hex 698A68 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
#698A68 }
```

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

```
.border{ border-color:#698A68 }
```

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

Here you see how a box with a 4 pixel #698A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #698A68; -webkit-box-shadow:4px 4px  
4px 4px #698A68; box-shadow:4px 4px 4px  
4px #698A68 }
```

# Background

The CSS property to change the background color of an element to Hex 698A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#698A68 }
```

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

```
.background{ background-color:#698A68 }
```

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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