

# Converting Colors

Hex(648F6D)

Have a look what the booklet for  
Hex(648F6D) contains.

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# Color

**Hex(648F6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	648F6D
RGB	100, 143, 109
RGB Percent	39%, 56%, 43%
CMY	0.6078, 0.4392, 0.5725
CMYK	0.30, 0.00, 0.24, 0.44
HSL	133°, 18%, 48%
HSV	133°, 30%, 56%
XYZ	17.8383, 23.4584, 18.0557
YIQ	126.2670, -14.7140, -19.6900

# Conversions

## Conversions Part 2

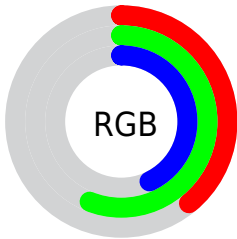
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 136, 143
Decimal	6590317
CIELab	55.54, -22.10, 13.47
CIELCh	56, 25.879, 148.639
Yxy	23.4584, 0.3005, 0.3952
Android (android.graphics.Color)	4284780397 (0xFF648F6D)
YUV	126.2670, -8.5126, -23.0362
Hunter-Lab	48.4338, -19.0172, 11.8009

# Details

The Hex color **648F6D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F6486**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98C5A1**, and **335C3D** is the 20% darker color. If you saturate the color by 10%, you get **568F62**, and if you desaturate by 10%, it is **728F78**.

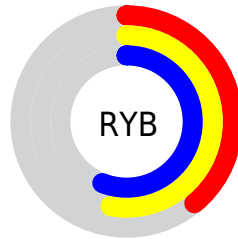
# Distribution



Red (39%)

Green (56%)

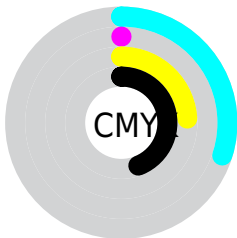
Blue (43%)



Red (39%)

Yellow (53%)

Blue (56%)

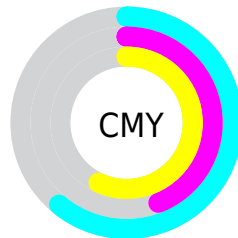


Cyan (30%)

Magenta (0%)

Yellow (24%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 648F6D 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 648F6D by changing the saturation by 10% instead.





648F6D



648F6D

FFFFFF



4B7555



98C5A1



335C3D



B3E1BC



1C4527



CF FED7



032E13



EBFF F4



001B00



000000



648F6D



648F6D



568F62



728F78



478F56



818F84

 398F4B

 8F8F8F

 2B8F40

 9D8F9A

 1C8F34

 AB8FA6

 0E8F29

 BA8FB1

 008F1E

 C88FBC

 D68FC7

 E58FD3

# Harmonies

## Analogous

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



7E8A5D



648F6D



4B9183

# Triad

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



648F6D



6687B2



B17671

# Complementary

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



648F6D



8F6486

# 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.



AF7487



648F6D



8780AC

# Square

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



648F6D



478EAB



A1789D



A87C5F

# Rectangle

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



648F6D



3E9193



A1789D



B27578



# Sweetspot

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



648F6D



A9BAAD



868F64



545E56



DEDEDE



5E5E5E



# Same Dimension

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



648F6D



77BA85



648F82



404742



00871C



000802



# Inverse Universe

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



8F6486



BA77AC



8F6471



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 648F6D looks on a white background.

## Color Contrast Check

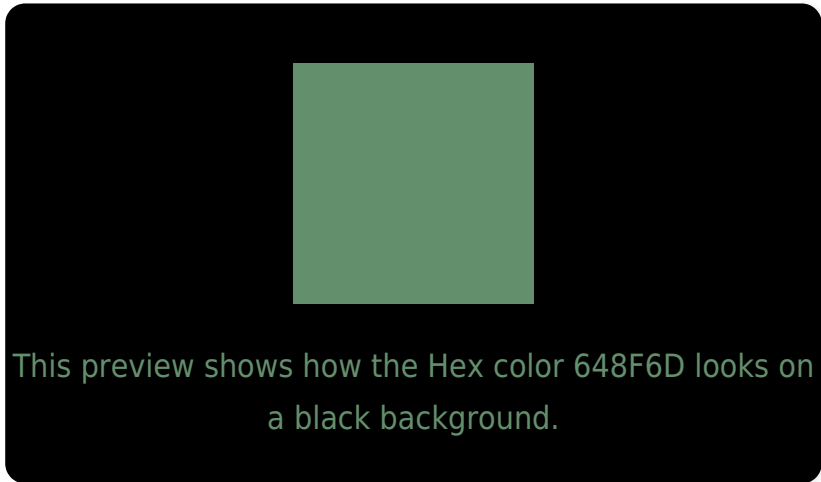
Large Text (above 18pt) WCAG AA ✓ Pass

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

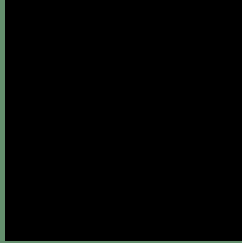
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 648F6D Background



This preview shows how black text looks on a background with the Hex color 648F6D.




This preview shows how white text looks on a background with the Hex color 648F6D.

# 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**  
6C8A95

# Trichromacy



**Original Color**  
648F6D

**Protanomaly**  
7E886A

**Deuteranomaly**  
86856F

**Tritanomaly**  
698C86

# Monochromacy



**Original Color**  
648F6D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
758478

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 648F6D 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 #648F6D looks like.

```
.text, #text, p{  
    color:#648F6D  
}
```

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 #648F6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648F6D
}
```

## Border

The CSS property to change the border of an element to Hex 648F6D 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
#648F6D }
```

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

```
.border{ border-color:#648F6D }
```

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

Here you see how a box with a 4 pixel #648F6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648F6D; -webkit-box-shadow:4px 4px  
4px 4px #648F6D; box-shadow:4px 4px 4px  
4px #648F6D }
```

# Background

The CSS property to change the background color of an element to Hex 648F6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648F6D }
```

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

```
.background{ background-color:#648F6D }
```

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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