

# Converting Colors

Hex(658C6E)

Have a look what the booklet for  
Hex(658C6E) contains.

<b>Hex(658C6E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(658C6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	658C6E
RGB	101, 140, 110
RGB Percent	40%, 55%, 43%
CMY	0.6039, 0.4510, 0.5686
CMYK	0.28, 0.00, 0.21, 0.45
HSL	134°, 16%, 47%
HSV	134°, 28%, 55%
XYZ	17.5594, 22.6487, 18.1980
YIQ	124.9190, -13.6140, -17.5980

# Conversions

## Conversions Part 2

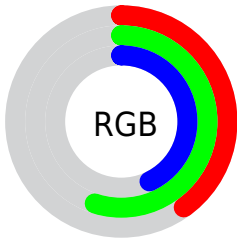
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 133, 140
Decimal	6655086
CIELab	54.71, -20.01, 11.74
CIElCh	55, 23.201, 149.589
Yxy	22.6487, 0.3006, 0.3878
Android (android.graphics.Color)	4284845166 (0xFF658C6E)
YUV	124.9190, -7.3551, -20.9770
Hunter-Lab	47.5906, -17.4229, 10.6417

# Details

The Hex color **658C6E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C6583**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **99C2A2**, and **355A3E** is the 20% darker color. If you saturate the color by 10%, you get **578C63**, and if you desaturate by 10%, it is **738C79**.

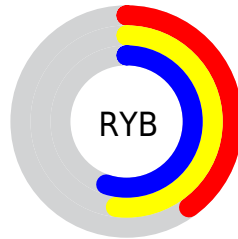
# Distribution



Red (40%)

Green (55%)

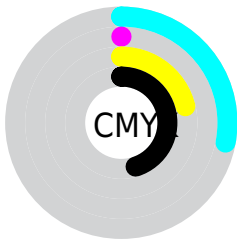
Blue (43%)



Red (40%)

Yellow (52%)

Blue (55%)

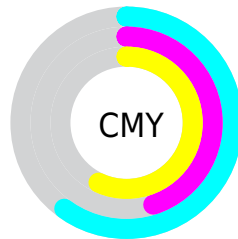


Cyan (28%)

Magenta (0%)

Yellow (21%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658C6E 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 658C6E by changing the saturation by 10% instead.



658C6E

658C6E

FFFFFF

4C7256

99C2A2

355A3E

B4DEBD

1D4228

D0FAD8

062C14

ECFFF5

001900

000000

658C6E

658C6E

578C63

738C79

498C58

818C84

 3B8C4E

 8F8C8E

 2D8C43

 9D8C99

 1F8C38

 AB8CA4

 118C2D

 B98CAF

 038C23

 C78CB9

 008C20

 D58CC4

 E38CCF

# Harmonies

## Analogous

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



7C8860



658C6E



508E82

# Triad

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



658C6E



6985AB



AB7670

# Complementary

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



658C6E



8C6583

# 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.



A97484



658C6E



857EA6

# Square

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



658C6E



4F8AA5



9C7798



A27B61

# Rectangle

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



658C6E



468E90



9C7798



AB7576



# Sweetspot

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



658C6E



A7B5AA



848C65



535C55



DBDBDB



5C5C5C



# Same Dimension

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



658C6E



79B587



658C81



3E4540



00851F



000501



# Inverse Universe

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



8C6583



B579A7



8C6570



453E43



850066

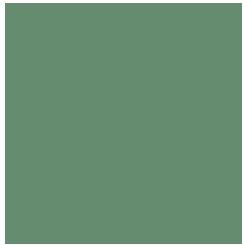


050004



# Previews

## White Background



This preview shows how the Hex color 658C6E looks on a white background.

## Color Contrast Check

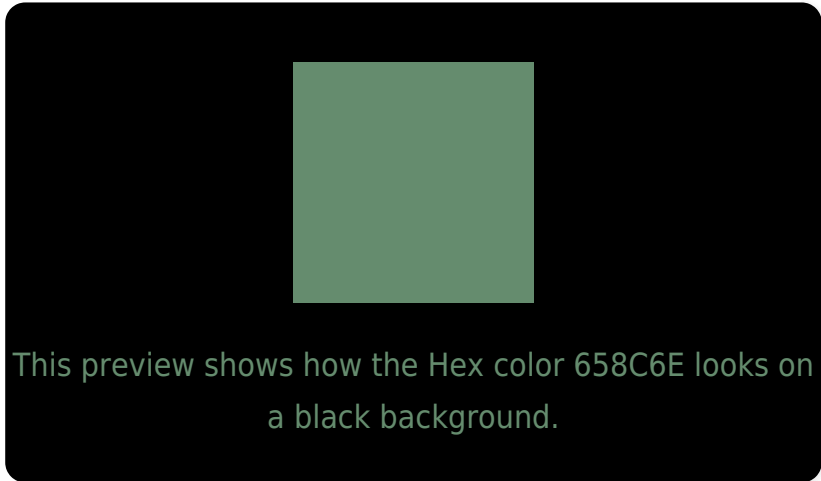
Large Text (above 18pt) WCAG AA ✓ Pass

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

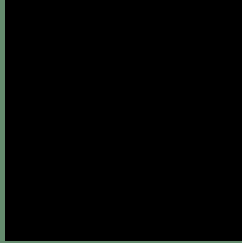
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 658C6E Background



This preview shows how black text looks on a background with the Hex color 658C6E.



This preview shows how white text looks on a background with the Hex color 658C6E.

# 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**  
6C8792

# Trichromacy



**Original Color**  
658C6E

**Protanomaly**  
7D866B

**Deuteranomaly**  
848370

**Tritanomaly**  
698985

# Monochromacy



**Original Color**  
658C6E

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
748278

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658C6E 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 #658C6E looks like.

```
.text, #text, p{  
    color:#658C6E  
}
```

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 #658C6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658C6E
}
```

## Border

The CSS property to change the border of an element to Hex 658C6E 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".

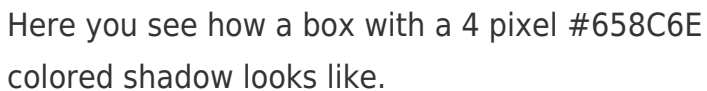
```
.border, #border, table{ border:4px solid
#658C6E }
```

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

```
.border{ border-color:#658C6E }
```

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

Here you see how a box with a 4 pixel #658C6E colored shadow looks like.

A rectangular box with a green border and a green shadow. The box is white with a thin green border on the top and left sides, and a thicker green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658C6E; -webkit-box-shadow:4px 4px  
4px 4px #658C6E; box-shadow:4px 4px 4px  
4px #658C6E }
```

# Background

The CSS property to change the background color of an element to Hex 658C6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658C6E }
```

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

```
.background{ background-color:#658C6E }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor