

# Converting Colors

Hex(658E71)

Have a look what the booklet for  
Hex(658E71) contains.

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# Color

**Hex(658E71)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	658E71
RGB	101, 142, 113
RGB Percent	40%, 56%, 44%
CMY	0.6039, 0.4431, 0.5569
CMYK	0.29, 0.00, 0.20, 0.44
HSL	138°, 17%, 48%
HSV	138°, 29%, 56%
XYZ	18.0205, 23.3050, 19.1713
YIQ	126.4350, -15.1270, -17.7110

# Conversions

## Conversions Part 2

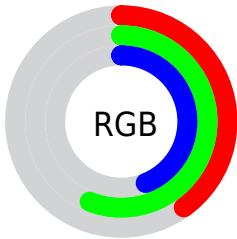
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 133, 142
Decimal	6655601
CIELab	55.39, -20.45, 10.98
CIELCh	55, 23.215, 151.770
Yxy	23.3050, 0.2979, 0.3852
Android (android.graphics.Color)	4284845681 (0xFF658E71)
YUV	126.4350, -6.6235, -22.3065
Hunter-Lab	48.2752, -17.8500, 10.2471

# Details

The Hex color **658E71** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E6582**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **99C4A5**, and **345C41** is the 20% darker color. If you saturate the color by 10%, you get **578E67**, and if you desaturate by 10%, it is **738E7B**.

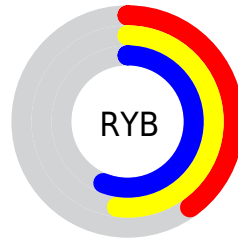
# Distribution



Red (40%)

Green (56%)

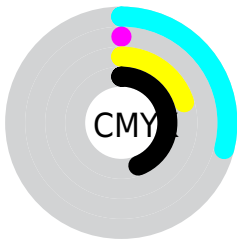
Blue (44%)



Red (40%)

Yellow (52%)

Blue (56%)

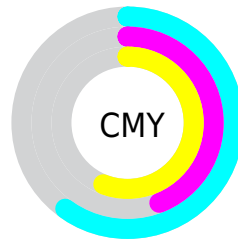


Cyan (29%)

Magenta (0%)

Yellow (20%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 658E71 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 658E71 by changing the saturation by 10% instead.





658E71



658E71

FFFFFF



4C7458



99C4A5



345C41



B4E0C0



1D442B



D0FDDC



052D16



ECFFF8



001A00



000000



658E71



658E71



578E67



738E7B



498E5D



818E85

 3A8E53

 908E8F

 2C8E49

 9E8E99

 1E8E3F

 AC8EA3

 108E35

 BA8EAD

 028E2B

 C88EB7

 008E2A

 D78EC1

 E58ECB

# Harmonies

## Analogous

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



7C8A62



658E71



509085

# Triad

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



658E71



6D86AC



AC7870

# Complementary

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



658E71



8E6582

# 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.



AC7684



658E71



897FA7

# Square

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



658E71



528CA7



9F7998



A37D62

# Rectangle

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



658E71



489093



9F7998



AD7677



# Sweetspot

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



658E71



A7B8AC



828E65



525C55



DBDBDB



5C5C5C



# Same Dimension

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



658E71



77B88A



658E85



404742



008728



000802



# Inverse Universe

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



8E6582



B877A5



8E656E



474045



870060



080005



# Previews

## White Background



This preview shows how the Hex color 658E71 looks on a white background.

## Color Contrast Check

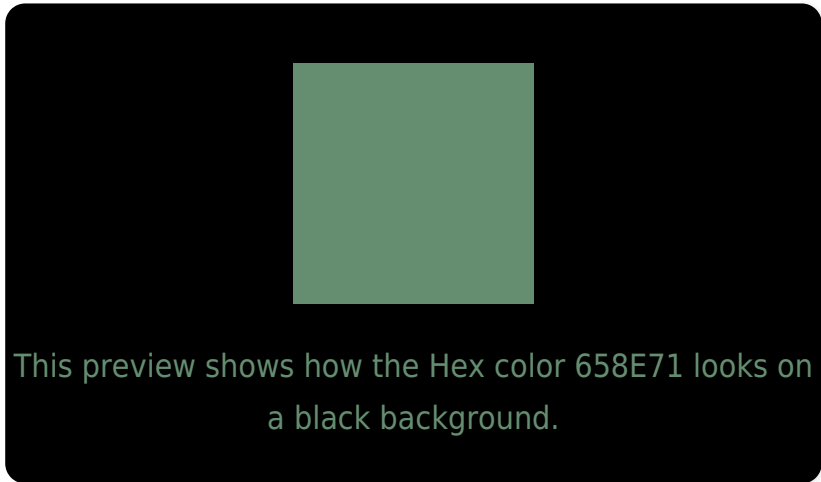
Large Text (above 18pt) WCAG AA ✓ Pass

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 658E71 Background



This preview shows how black text looks on a background with the Hex color 658E71.



This preview shows how white text looks on a background with the Hex color 658E71.

# 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**  
658E71

**Protanopia**  
8C846C

**Deuteranopia**  
977F74



**Tritanopia**  
6C8994

# Trichromacy



**Original Color**  
658E71

**Protanomaly**  
7E886E

**Deuteranomaly**  
858473

**Tritanomaly**  
698B87

# Monochromacy



**Original Color**  
658E71

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
758479

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 658E71 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 #658E71 looks like.

```
.text, #text, p{  
    color:#658E71  
}
```

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 #658E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #658E71  
}
```

## Border

The CSS property to change the border of an element to Hex 658E71 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  
#658E71 }
```

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

```
.border{ border-color:#658E71 }
```

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

Here you see how a box with a 4 pixel #658E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #658E71; -webkit-box-shadow:4px 4px  
4px 4px #658E71; box-shadow:4px 4px 4px  
4px #658E71 }
```

# Background

The CSS property to change the background color of an element to Hex 658E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#658E71 }
```

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

```
.background{ background-color:#658E71 }
```

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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