

# Converting Colors

Hex(5E8A70)

Have a look what the booklet for  
Hex(5E8A70) contains.

<b>Hex(5E8A70)</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(5E8A70)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8A70
RGB	94, 138, 112
RGB Percent	37%, 54%, 44%
CMY	0.6314, 0.4588, 0.5608
CMYK	0.32, 0.00, 0.19, 0.46
HSL	145°, 19%, 45%
HSV	145°, 32%, 54%
XYZ	16.6292, 21.7265, 18.6464
YIQ	121.8800, -17.8780, -17.4140

# Conversions

## Conversions Part 2

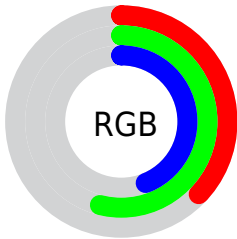
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 125, 138
Decimal	6195824
CIELab	53.74, -20.93, 9.17
CIELCh	54, 22.855, 156.347
Yxy	21.7265, 0.2917, 0.3812
Android (android.graphics.Color)	4284385904 (0xFF5E8A70)
YUV	121.8800, -4.8708, -24.4508
Hunter-Lab	46.6117, -17.8887, 8.9100

# Details

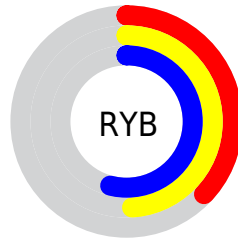
The Hex color **5E8A70** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A5E78**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **92C0A4**, and **2D5840** is the 20% darker color. If you saturate the color by 10%, you get **508A68**, and if you desaturate by 10%, it is **6C8A78**.

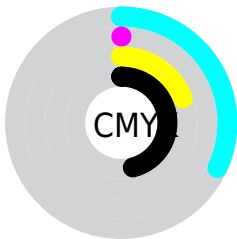
# Distribution



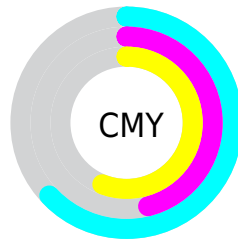
- Red (37%)
- Green (54%)
- Blue (44%)



- Red (37%)
- Yellow (49%)
- Blue (54%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (46%)



- Cyan (63%)
- Magenta (46%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8A70 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 5E8A70 by changing the saturation by 10% instead.



■ 5E8A70

■ 5E8A70

FFFFFF

■ 457058

■ 92C0A4

■ 2D5840

■ ADDCBF

■ 16402A

■ C8F8DB

■ 002A16

■ E5FFF7

■ 001500

■ 000000

■ 5E8A70

■ 5E8A70

■ 508A68

■ 6C8A78

■ 428A60

■ 7A8A80

 358A58

 878A88

 278A4F

 958A91

 198A47

 A38A99

 0B8A3F

 B18AA1

 008A38

 BF8AA9

 CC8AB1

 DA8AB9

# Harmonies

## Analogous

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



758660



5E8A70



4A8B84

# Triad

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



5E8A70



6D81A7



A6746A

# Complementary

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



5E8A70



8A5E78

# 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.



A7727D



5E8A70



897AA0

# Square

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



5E8A70



5287A4



9D7491



9C7A5D

# Rectangle

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



5E8A70



448B91



9D7491



A87370



# Sweetspot

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



5E8A70



A1B3A8



788A5E



4F5953



D9D9D9



595959



# Same Dimension

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



5E8A70



6FB38A



5E8A86



3E4541



008536



000502



# Inverse Universe

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



8A5E78



B36F97



8A5E62



453E42



85004E



050003



# Previews

## White Background



This preview shows how the Hex color 5E8A70 looks on a white background.

## Color Contrast Check

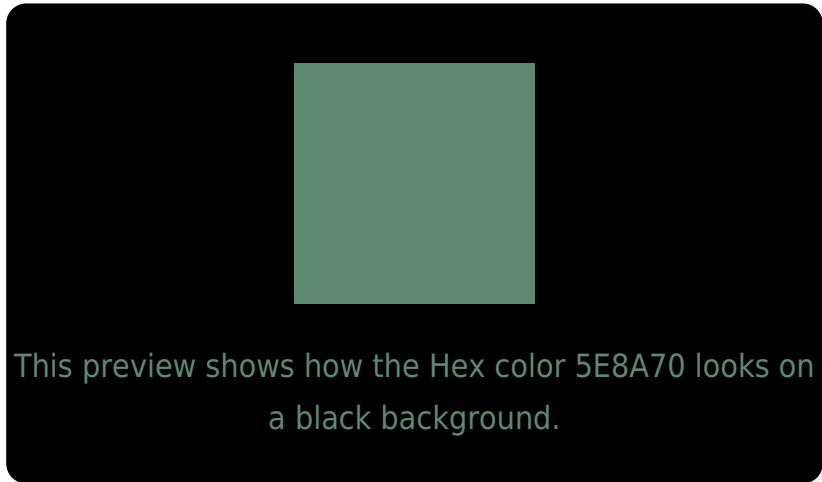
Large Text (above 18pt) WCAG AA ✓ Pass

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

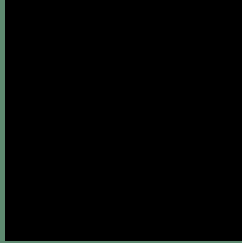
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E8A70 Background



This preview shows how black text looks on a background with the Hex color 5E8A70.

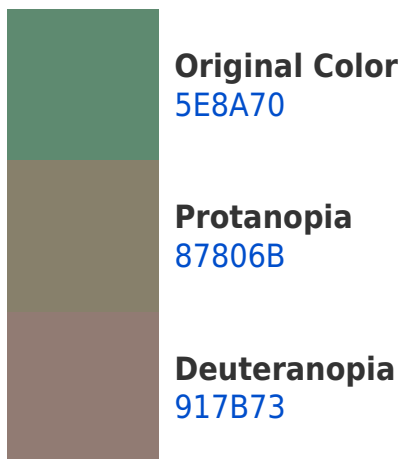


This preview shows how white text looks on a background with the Hex color 5E8A70.

# 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**  
658690

# Trichromacy



**Original Color**  
5E8A70

**Protanomaly**  
78846D

**Deuteranomaly**  
7E8072

**Tritanomaly**  
628784

# Monochromacy



**Original Color**  
5E8A70

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
708076

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8A70 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 #5E8A70 looks like.

```
.text, #text, p{  
    color:#5E8A70  
}
```

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 #5E8A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8A70
}
```

## Border

The CSS property to change the border of an element to Hex 5E8A70 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
#5E8A70 }
```

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

```
.border{ border-color:#5E8A70 }
```

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

Here you see how a box with a 4 pixel #5E8A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8A70; -webkit-box-shadow:4px 4px  
4px 4px #5E8A70; box-shadow:4px 4px 4px  
4px #5E8A70 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8A70 }
```

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

```
.background{ background-color:#5E8A70 }
```

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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