

# Converting Colors

Hex(5E8759)

Have a look what the booklet for  
Hex(5E8759) contains.

<b>Hex(5E8759)</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(5E8759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8759
RGB	94, 135, 89
RGB Percent	37%, 53%, 35%
CMY	0.6314, 0.4706, 0.6510
CMYK	0.30, 0.00, 0.34, 0.47
HSL	113°, 21%, 44%
HSV	113°, 34%, 53%
XYZ	15.0832, 20.4289, 12.5994
YIQ	117.4970, -9.6700, -22.9980

# Conversions

## Conversions Part 2

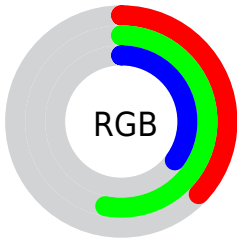
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 135, 130
Decimal	6195033
CIELab	52.32, -23.78, 20.33
CIElCh	52, 31.284, 139.467
Yxy	20.4289, 0.3135, 0.4246
Android (android.graphics.Color)	4284385113 (0xFF5E8759)
YUV	117.4970, -14.0490, -20.6069
Hunter-Lab	45.1983, -19.5295, 15.1113

# Details

The Hex color **5E8759** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **825987**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **92BD8B**, and **2D552B** is the 20% darker color. If you saturate the color by 10%, you get **52874C**, and if you desaturate by 10%, it is **6A8767**.

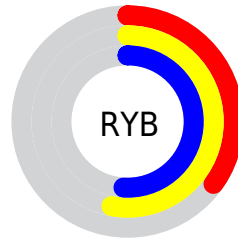
# Distribution



Red (37%)

Green (53%)

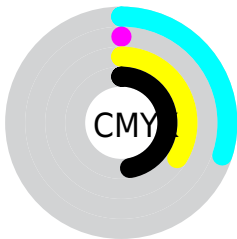
Blue (35%)



Red (35%)

Yellow (53%)

Blue (51%)

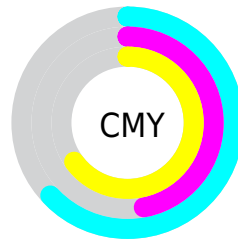


Cyan (30%)

Magenta (0%)

Yellow (34%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8759 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 5E8759 by changing the saturation by 10% instead.





5E8759



5E8759

FFFFFF



456D41



92BD8B



2D552B



ADD8A6



153D15



C8F5C1



022700



E5FFDD



000F00



FFFFFFA



000000



5E8759



5E8759



52874C



6A8767



46873E



768774

 3A8731

 828782

 2E8723

 8E878F

 228715

 9A879C

 168708

 A687AA

 0F8700

 B287B8

 BE87C5

 CA87D3

# Harmonies

## Analogous

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



7D8149



5E8759



3A8A72

# Triad

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



5E8759



4382B1



B1686C

# Complementary

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



5E8759



825987

# 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.



AB6987



5E8759



7279AF

# Square

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



5E8759



0488A5



9570A0



A96F55

# Rectangle

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



5E8759



1C8B85



9570A0



B16875



# Sweetspot

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



5E8759



A0B09E



878259



50594F



D9D9D9



595959



# Same Dimension

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



5E8759



70B068



59876B



3C423C



0E8200



000300



# Inverse Universe

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



825987



A868B0



875975



423C42



740082



020003



# Previews

## White Background



This preview shows how the Hex color 5E8759 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 5E8759 Background



This preview shows how black text looks on a background with the Hex color 5E8759.



This preview shows how white text looks on a background with the Hex color 5E8759.

# 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**  
67818B

# Trichromacy



**Original Color**  
5E8759

**Protanomaly**  
788056

**Deuteranomaly**  
807D5B

**Tritanomaly**  
648379

# Monochromacy



**Original Color**  
5E8759

**Achromatopsia**  
757575

**Achromatomaly**  
6D7C6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8759 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 #5E8759 looks like.

```
.text, #text, p{  
    color:#5E8759  
}
```

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 #5E8759 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8759
}
```

## Border

The CSS property to change the border of an element to Hex 5E8759 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
#5E8759 }
```

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

```
.border{ border-color:#5E8759 }
```

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

Here you see how a box with a 4 pixel #5E8759 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8759; -webkit-box-shadow:4px 4px  
4px 4px #5E8759; box-shadow:4px 4px 4px  
4px #5E8759 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8759 }
```

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

```
.background{ background-color:#5E8759 }
```

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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