

# Converting Colors

Hex(5E8F37)

Have a look what the booklet for  
Hex(5E8F37) contains.

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# Color

Hex(5E8F37)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E8F37
RGB	94, 143, 55
RGB Percent	37%, 56%, 22%
CMY	0.6314, 0.4392, 0.7843
CMYK	0.34, 0.00, 0.62, 0.44
HSL	93°, 44%, 39%
HSV	93°, 62%, 56%
XYZ	15.1281, 22.3004, 7.1215
YIQ	118.3170, -0.9560, -37.7560

# Conversions

## Conversions Part 2

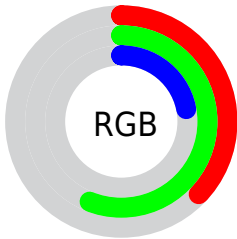
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">55, 143, 104</a>
Decimal	<a href="#">6197047</a>
CIELab	<a href="#">54.34, -32.24, 40.70</a>
CIElCh	<a href="#">54, 51.924, 128.382</a>
Yxy	<a href="#">22.3004, 0.3396, 0.5006</a>
Android (android.graphics.Color)	<a href="#">4284387127 (0xFF5E8F37)</a>
YUV	<a href="#">118.3170, -31.2153, -21.3260</a>
Hunter-Lab	<a href="#">47.2233, -25.4578, 24.1151</a>

# Details

The Hex color **5E8F37** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **68378F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **93C569**, and **2A5C00** is the 20% darker color. If you saturate the color by 10%, you get **568F29**, and if you desaturate by 10%, it is **668F45**.

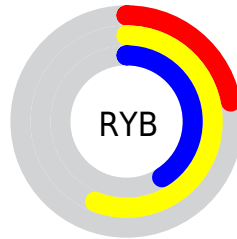
# Distribution



Red (37%)

Green (56%)

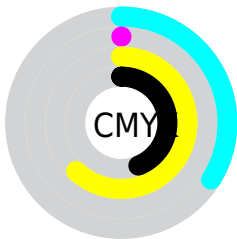
Blue (22%)



Red (22%)

Yellow (56%)

Blue (41%)

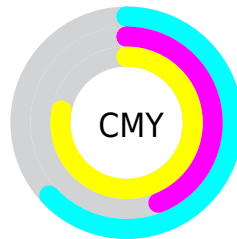


Cyan (34%)

Magenta (0%)

Yellow (62%)

Black (44%)



Cyan (63%)

Magenta (44%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8F37 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 5E8F37 by changing the saturation by 10% instead.



 5E8F37

 5E8F37

FFFFFF

 44751E

 93C569

 2A5C00

 AFE183

 0F4400

 CBF E9E

 002D00

 E8FFBA

 001800

 FFFFD6

 000000

 FFFFF2

 5E8F37

 5E8F37

 568F29

 668F45

 4E8F1A

 6E8F54

 468F0C

 768F62

 3F8F00

 7E8F70

 868F7F

 8E8F8D

 968F9B

 9E8FA9

 A68FB8

# Harmonies

## Analogous

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



8E8420



5E8F37



00955F

# Triad

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



5E8F37



0090D5



D45877

# Complementary

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



5E8F37



68378F

# 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.



C25FA4



5E8F37



3E83DB

# Square

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



5E8F37



0096B9



9571C9



CD624D

# Rectangle

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



5E8F37



00977E



9571C9



D15986



# Sweetspot

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



5E8F37



A7BA99



8F6737



535E4A



DEDEDE



5E5E5E



# Same Dimension

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



5E8F37



6DBA30



378F3B



434740



3C8700



030800



# Inverse Universe

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



68378F



7D30BA



8F378B



444047



4B0087



040008



# Previews

## White Background



This preview shows how the Hex color 5E8F37 looks on a white background.

## Color Contrast Check

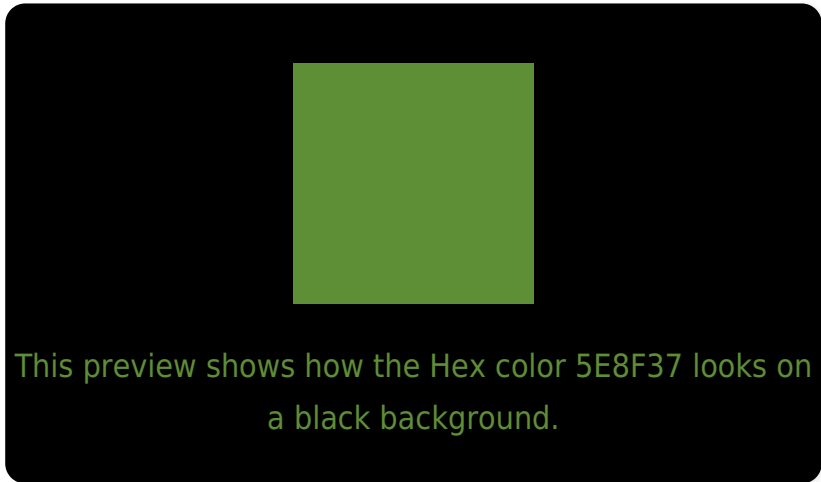
Large Text (above 18pt) WCAG AA ✓ Pass

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 5E8F37 Background



This preview shows how black text looks on a background with the Hex color 5E8F37.

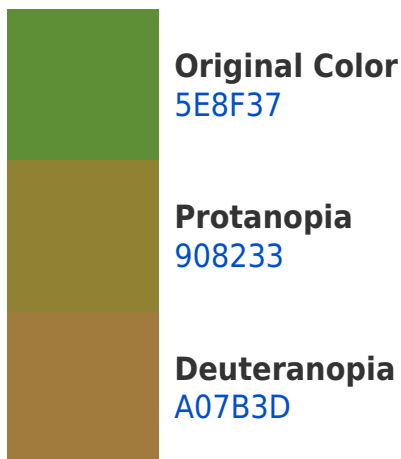



This preview shows how white text looks on a background with the Hex color 5E8F37.

# 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**  
6B8691

# Trichromacy



**Original Color**  
5E8F37

**Protanomaly**  
7E8734

**Deuteranomaly**  
88823B

**Tritanomaly**  
668970

# Monochromacy



**Original Color**  
5E8F37

**Achromatopsia**  
767676

**Achromatomaly**  
6D7F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8F37 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 #5E8F37 looks like.

```
.text, #text, p{  
    color:#5E8F37  
}
```

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 #5E8F37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8F37
}
```

## Border

The CSS property to change the border of an element to Hex 5E8F37 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
#5E8F37 }
```

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

```
.border{ border-color:#5E8F37 }
```

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

Here you see how a box with a 4 pixel #5E8F37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8F37; -webkit-box-shadow:4px 4px  
4px 4px #5E8F37; box-shadow:4px 4px 4px  
4px #5E8F37 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8F37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8F37 }
```

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

```
.background{ background-color:#5E8F37 }
```

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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