

# Converting Colors

Hex(5E8131)

Have a look what the booklet for  
Hex(5E8131) contains.

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# Color

**Hex(5E8131)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E8131
RGB	94, 129, 49
RGB Percent	37%, 51%, 19%
CMY	0.6314, 0.4941, 0.8078
CMYK	0.27, 0.00, 0.62, 0.49
HSL	86°, 45%, 35%
HSV	86°, 62%, 51%
XYZ	13.0207, 18.3019, 5.7521
YIQ	109.4150, 4.8200, -32.3000

# Conversions

## Conversions Part 2

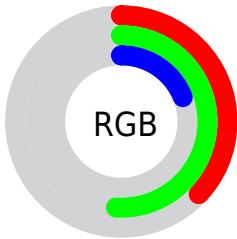
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 129, 84
Decimal	6193457
CIELab	49.86, -26.13, 38.51
CIElCh	50, 46.535, 124.158
Yxy	18.3019, 0.3512, 0.4936
Android (android.graphics.Color)	4284383537 (0xFF5E8131)
YUV	109.4150, -29.7846, -13.5190
Hunter-Lab	42.7808, -20.5382, 21.9747




# Details

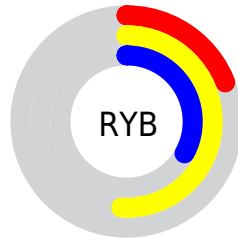
The Hex color **5E8131** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **543181**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **93B663**, and **2C4F00** is the 20% darker color. If you saturate the color by 10%, you get **588124**, and if you desaturate by 10%, it is **64813E**.

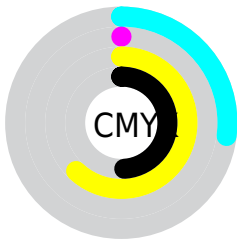
# Distribution







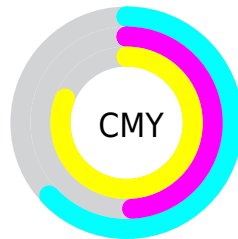
-  Red (37%)
-  Green (51%)
-  Blue (19%)






-  Red (19%)
-  Yellow (51%)
-  Blue (33%)



-  Cyan (27%)
-  Magenta (0%)
-  Yellow (62%)
-  Black (49%)



-  Cyan (63%)
-  Magenta (49%)
-  Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8131 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 5E8131 by changing the saturation by 10% instead.



 5E8131

 5E8131

FFFFFF

 456818

 93B663

 2C4F00

 AED27C

 143800

 CAEE97

 002300

 E7FFB2

 000000

 FFFFCE

 FFFFEA

 5E8131

 5E8131

 588124

 64813E

■ 538117

■ 69814B

■ 4D810A

■ 6F8158

■ 498100

■ 758165

■ 7A8172

■ 80817E

■ 86818B

■ 8B8198

■ 9181A5

# Harmonies

## Analogous

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



877621



5E8131



1E8752

# Triad

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



5E8131



0084BD



BE5273

# Complementary

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



5E8131



543181

# 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.



AB5A9A



5E8131



2C79C6

# Square

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



5E8131



0089A2



806AB8



BB594C

# Rectangle

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



5E8131



00896D



806AB8



BA5380



# Sweetspot

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



5E8131



9AA888



815431



4C5441



D4D4D4



545454



# Same Dimension

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



5E8131



72A82C



368131



3D4039



488000



000000



# Inverse Universe

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



543181



622CA8



7C3181



3C3940



380080



000000



# Previews

## White Background



This preview shows how the Hex color 5E8131 looks on a white 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

# 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 5E8131 Background



This preview shows how black text looks on a background with the Hex color 5E8131.



This preview shows how white text looks on a background with the Hex color 5E8131.

# 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**  
5E8131

**Protanopia**  
84762E

**Deuteranopia**  
927036



**Tritanopia**  
697982

# Trichromacy



**Original Color**  
5E8131

**Protanomaly**  
767A2F

**Deuteranomaly**  
7F7634

**Tritanomaly**  
657C65

# Monochromacy



**Original Color**  
5E8131

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
687457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8131 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 #5E8131 looks like.

```
.text, #text, p{  
    color:#5E8131  
}
```

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 #5E8131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8131
}
```

## Border

The CSS property to change the border of an element to Hex 5E8131 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
#5E8131 }
```

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

```
.border{ border-color:#5E8131 }
```

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

Here you see how a box with a 4 pixel #5E8131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8131; -webkit-box-shadow:4px 4px  
4px 4px #5E8131; box-shadow:4px 4px 4px  
4px #5E8131 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8131 }
```

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

```
.background{ background-color:#5E8131 }
```

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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