

Converting Colors

Hex(5E8B3D)

Have a look what the booklet for
Hex(5E8B3D) contains.

Hex(5E8B3D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5E8B3D)

Conversions

Conversions Part 1

Format	Color
Hex	5E8B3D
RGB	94, 139, 61
RGB Percent	37%, 55%, 24%
CMY	0.6314, 0.4549, 0.7608
CMYK	0.32, 0.00, 0.56, 0.45
HSL	95°, 39%, 39%
HSV	95°, 56%, 55%
XYZ	14.6910, 21.1818, 7.7291
YIQ	116.6530, -1.7820, -33.7980

Conversions

Conversions Part 2

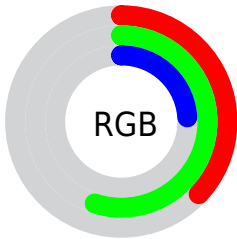
Format	Color
RYB	61, 139, 106
Decimal	6196029
CIELab	53.15, -29.72, 36.41
CIElCh	53, 46.998, 129.222
Yxy	21.1818, 0.3369, 0.4858
Android (android.graphics.Color)	4284386109 (0xFF5E8B3D)
YUV	116.6530, -27.4369, -19.8667
Hunter-Lab	46.0237, -23.5634, 22.2596

Details

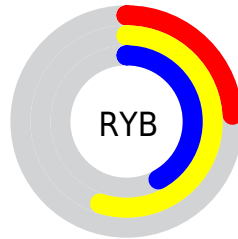
The Hex color **5E8B3D** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3D8B**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **93C16F**, and **2B590B** is the 20% darker color. If you saturate the color by 10%, you get **568B2F**, and if you desaturate by 10%, it is **668B4B**.

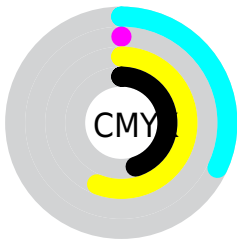
Distribution



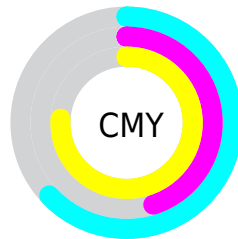
- Red (37%)
- Green (55%)
- Blue (24%)



- Red (24%)
- Yellow (55%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (56%)
- Black (45%)



- Cyan (63%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E8B3D 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 5E8B3D by changing the saturation by 10% instead.

 5E8B3D

 5E8B3D

FFFFFF

 447125

 93C16F

 2B590B

 AEDD89

 124100

 CAF9A4

 002A00

 E7FFBF

 001300

 FFFFDB

 000000

 FFFFF8

 5E8B3D

 5E8B3D

 568B2F

 668B4B

 4E8B21

 6E8B59

 468B13

 768B67

 3E8B05

 7E8B75

 3B8B00

 868B83

 8E8B90

 968B9E

 9E8BAC

 A68BBA

Harmonies

Analogous

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



8A812A



5E8B3D



119161

Triad

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



5E8B3D



008BCA



C95B74

Complementary

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



5E8B3D



6A3D8B

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.



BA609C



5E8B3D



4A7FCF

Square

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



5E8B3D



0091B1



926FBE



C3634E

Rectangle

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



5E8B3D



00937D



926FBE



C75B82

Sweetspot

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



5E8B3D



A3B596



8B693D



515C49



DBDBDB



5C5C5C

Same Dimension

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



5E8B3D



6FB53C



3D8B42



41453E



388500



020500

Inverse Universe

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



6A3D8B



823CB5



8B3D86



423E45



4C0085



030005

Previews

White Background



This preview shows how the Hex color 5E8B3D looks on a white background.

Color Contrast Check

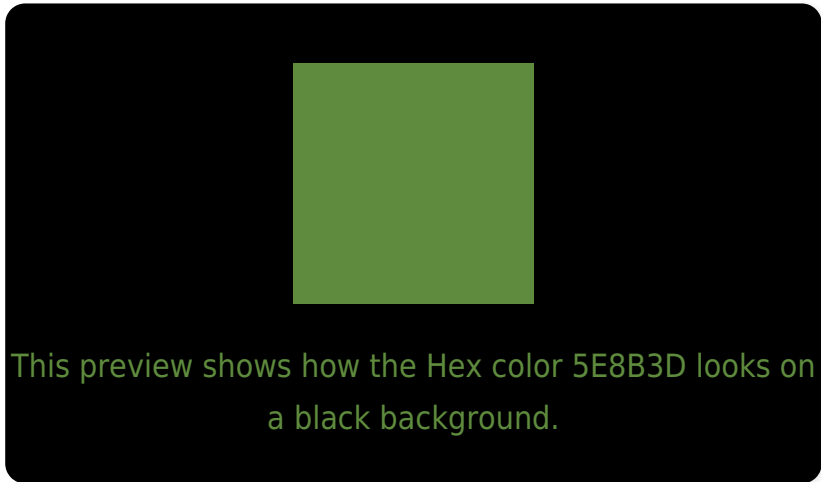
Large Text (above 18pt) WCAG AA ✓ Pass

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

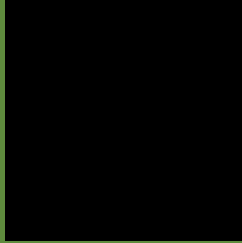
Any Text WCAG AA ✓ Pass

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 5E8B3D Background



This preview shows how black text looks on a background with the Hex color 5E8B3D.



This preview shows how white text looks on a background with the Hex color 5E8B3D.

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
5E8B3D

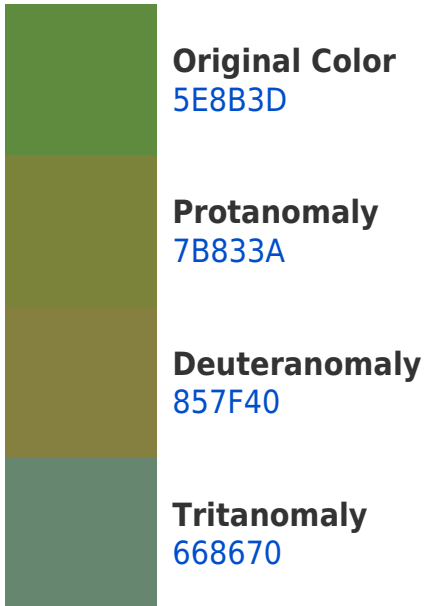
Protanopia
8C7F39

Deuteranopia
9B7842



Tritanopia
6A838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E8B3D 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 #5E8B3D looks like.

```
.text, #text, p{  
    color:#5E8B3D  
}
```

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 #5E8B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8B3D
}
```

Border

The CSS property to change the border of an element to Hex 5E8B3D 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
#5E8B3D }
```

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

```
.border{ border-color:#5E8B3D }
```

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

Here you see how a box with a 4 pixel #5E8B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8B3D; -webkit-box-shadow:4px 4px  
4px 4px #5E8B3D; box-shadow:4px 4px 4px  
4px #5E8B3D }
```

Background

The CSS property to change the background color of an element to Hex 5E8B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8B3D }
```

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

```
.background{ background-color:#5E8B3D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor