

# Converting Colors

Hex(5E892E)

Have a look what the booklet for  
Hex(5E892E) contains.

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# Color

Hex(5E892E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E892E
RGB	94, 137, 46
RGB Percent	37%, 54%, 18%
CMY	0.6314, 0.4627, 0.8196
CMYK	0.31, 0.00, 0.66, 0.46
HSL	88°, 50%, 36%
HSV	88°, 66%, 54%
XYZ	14.0549, 20.4683, 5.7948
YIQ	113.7690, 3.5830, -37.4170

# Conversions

## Conversions Part 2

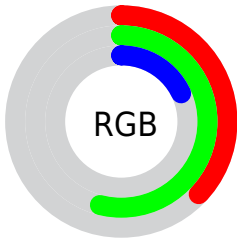
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 137, 89
Decimal	6195502
CIELab	52.36, -30.26, 42.64
CIELCh	52, 52.285, 125.367
Yxy	20.4683, 0.3486, 0.5077
Android (android.graphics.Color)	4284385582 (0xFF5E892E)
YUV	113.7690, -33.4101, -17.3374
Hunter-Lab	45.2419, -23.7202, 24.0752

# Details

The Hex color **5E892E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **592E89**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **93BF60**, and **2A5700** is the 20% darker color. If you saturate the color by 10%, you get **588920**, and if you desaturate by 10%, it is **64893C**.

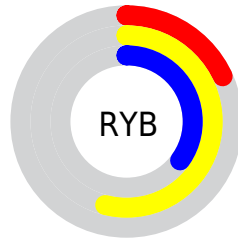
# Distribution



Red (37%)

Green (54%)

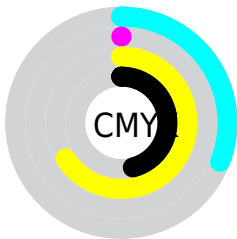
Blue (18%)



Red (18%)

Yellow (54%)

Blue (35%)

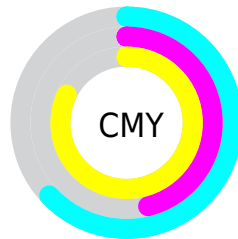


Cyan (31%)

Magenta (0%)

Yellow (66%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E892E 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 5E892E by changing the saturation by 10% instead.



 5E892E

 5E892E

FFFFFF

 446F13

 93BF60

 2A5700

 AFDB7A

 103F00

 CBF795

 002900

 E8FFB0

 000F00

 FFFFCC

 000000

 FFFF E9

 5E892E

 5E892E

 588920

 64893C

■ 518913

■ 6B8949

■ 4B8905

■ 718957

■ 488900

■ 788965

■ 7E8973

■ 858980

■ 8B898E

■ 92899C

■ 9889A9

# Harmonies

## Analogous

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



8D7D19



5E892E



009056

# Triad

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



5E892E



008BCE



CE5277

# Complementary

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



5E892E



592E89

# 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.



B95BA3



5E892E



207FD6

# Square

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



5E892E



0091B0



896EC6



C95B4B

# Rectangle

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



5E892E



009274



896EC6



CA5386



# Sweetspot

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



5E892E



A2B38F



89582E



4F5944



D9D9D9



595959



# Same Dimension

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



5E892E



6FB324



31892E



42453E



468500



030500



# Inverse Universe

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



592E89



6724B3



862E89



413E45



3F0085



020005



# Previews

## White Background



This preview shows how the Hex color 5E892E looks on a white background.

## Color Contrast Check

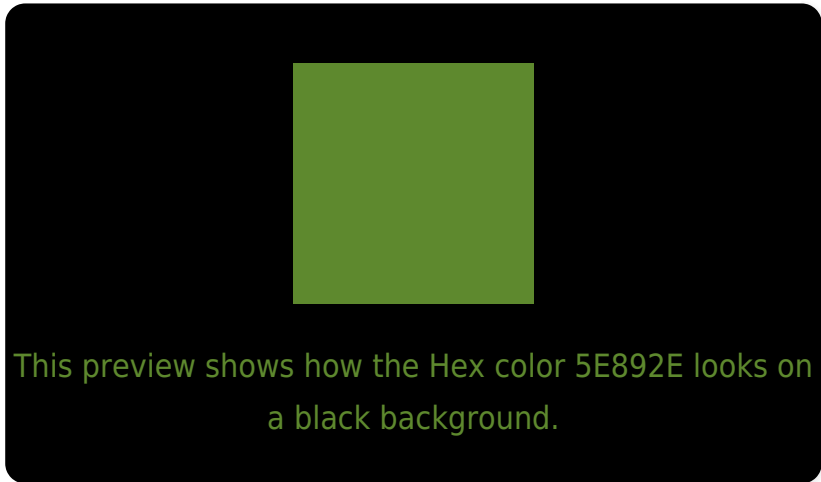
Large Text (above 18pt) WCAG AA ✓ Pass

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

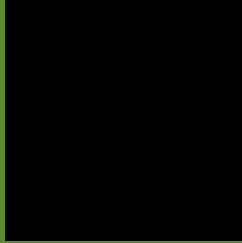
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5E892E Background



This preview shows how black text looks on a background with the Hex color 5E892E.



This preview shows how white text looks on a background with the Hex color 5E892E.

# 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**  
5E892E

**Protanopia**  
8B7D2B

**Deuteranopia**  
9B7634



**Tritanopia**  
6A808A

# Trichromacy



**Original Color**  
5E892E

**Protanomaly**  
7B812C

**Deuteranomaly**  
857D32

**Tritanomaly**  
668369

# Monochromacy



**Original Color**  
5E892E

**Achromatopsia**  
727272

**Achromatomaly**  
6B7A59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E892E 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 #5E892E looks like.

```
.text, #text, p{  
    color:#5E892E  
}
```

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 #5E892E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E892E
}
```

## Border

The CSS property to change the border of an element to Hex 5E892E 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
#5E892E }
```

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

```
.border{ border-color:#5E892E }
```

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

Here you see how a box with a 4 pixel #5E892E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E892E; -webkit-box-shadow:4px 4px  
4px 4px #5E892E; box-shadow:4px 4px 4px  
4px #5E892E }
```

# Background

The CSS property to change the background color of an element to Hex 5E892E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E892E }
```

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

```
.background{ background-color:#5E892E }
```

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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