

# Converting Colors

Hex(5B8F5E)

Have a look what the booklet for  
Hex(5B8F5E) contains.

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# Color

Hex(5B8F5E)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B8F5E
RGB	91, 143, 94
RGB Percent	36%, 56%, 37%
CMY	0.6431, 0.4392, 0.6314
CMYK	0.36, 0.00, 0.34, 0.44
HSL	123°, 22%, 46%
HSV	123°, 36%, 56%
XYZ	16.1572, 22.6772, 14.1152
YIQ	121.8660, -15.2630, -26.2630

# Conversions

## Conversions Part 2

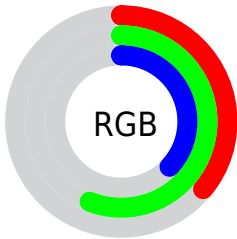
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 140, 143
Decimal	6000478
CIE Lab	54.74, -27.93, 20.74
CIE LCh	55, 34.787, 143.400
Yxy	22.6772, 0.3051, 0.4283
Android (android.graphics.Color)	4284190558 (0xFF5B8F5E)
YUV	121.8660, -13.7379, -27.0695
Hunter-Lab	47.6206, -22.7727, 15.7603

# Details

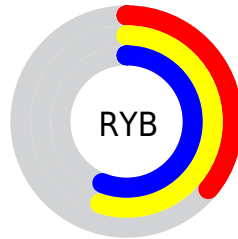
The Hex color **5B8F5E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F5B8C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8FC591**, and **295C2F** is the 20% darker color. If you saturate the color by 10%, you get **4D8F51**, and if you desaturate by 10%, it is **698F6B**.

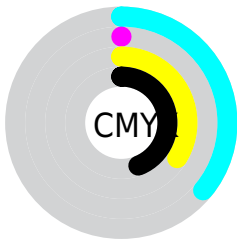
# Distribution



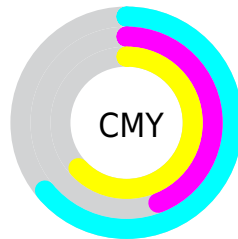
- Red (36%)
- Green (56%)
- Blue (37%)



- Red (36%)
- Yellow (55%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B8F5E 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 5B8F5E by changing the saturation by 10% instead.



■ 5B8F5E

■ 5B8F5E

FFFFFF

■ 427546

■ 8FC591

■ 295C2F

■ AAE1AB

■ 0E4419

■ C6FEC7

■ 002D00

■ E2FFE3

■ 001900

■ 000000

■ 5B8F5E

■ 5B8F5E

■ 4D8F51

■ 698F6B

■ 3E8F43

■ 788F79

 308F36

 868F86

 228F28

 948F94

 138F1B

 A38FA1

 058F0D

 B18FAF

 008F08

 BF8FBC

 CD8FCA

 DC8FD7

# Harmonies

## Analogous

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



7E884A



5B8F5E



2E927B

# Triad

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



5B8F5E



4788BE



BD6C6D

# Complementary

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



5B8F5E



8F5B8C

# 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.



B86B8B



5B8F5E



7C7EBA

# Square

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



5B8F5E



008FB2



A273A7



B27454

# Rectangle

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



5B8F5E



009390



A273A7



BD6B76



# Sweetspot

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



5B8F5E



A6BAA7



8C8F5B



525E53



DEDEDE



5E5E5E



# Same Dimension

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



5B8F5E



68BA6D



5B8F78



404741



008708



000800



# Inverse Universe

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



8F5B8C



BA68B5



8F5B72



474047



87007F



080007



# Previews

## White Background



This preview shows how the Hex color 5B8F5E looks on a white background.

## Color Contrast Check

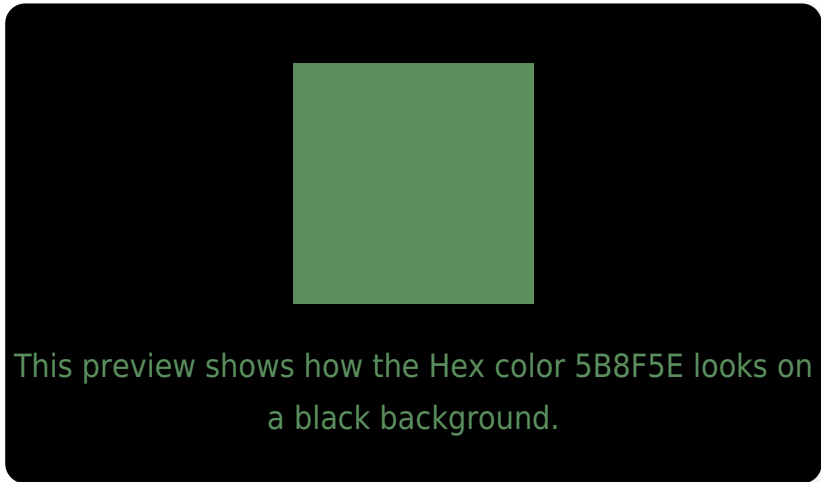
Large Text (above 18pt) WCAG AA ✓ Pass

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

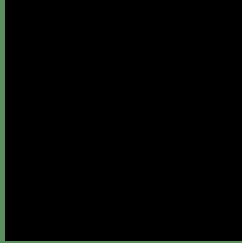
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B8F5E Background



This preview shows how black text looks on a background with the Hex color 5B8F5E.

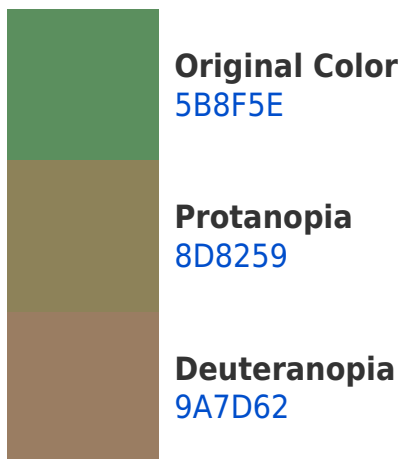


This preview shows how white text looks on a background with the Hex color 5B8F5E.

# 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**  
658893

# Trichromacy



**Original Color**  
5B8F5E

**Protanomaly**  
7B875B

**Deuteranomaly**  
838461

**Tritanomaly**  
618B80

# Monochromacy



**Original Color**  
5B8F5E

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
6F8270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B8F5E 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 #5B8F5E looks like.

```
.text, #text, p{  
    color:#5B8F5E  
}
```

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 #5B8F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8F5E
}
```

## Border

The CSS property to change the border of an element to Hex 5B8F5E 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
#5B8F5E }
```

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

```
.border{ border-color:#5B8F5E }
```

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

Here you see how a box with a 4 pixel #5B8F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8F5E; -webkit-box-shadow:4px 4px  
4px 4px #5B8F5E; box-shadow:4px 4px 4px  
4px #5B8F5E }
```

# Background

The CSS property to change the background color of an element to Hex 5B8F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8F5E }
```

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

```
.background{ background-color:#5B8F5E }
```

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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