

# Converting Colors

Hex(5F8A5B)

Have a look what the booklet for  
Hex(5F8A5B) contains.

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# Color

**Hex(5F8A5B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8A5B
RGB	95, 138, 91
RGB Percent	37%, 54%, 36%
CMY	0.6275, 0.4588, 0.6431
CMYK	0.31, 0.00, 0.34, 0.46
HSL	115°, 21%, 45%
HSV	115°, 34%, 54%
XYZ	15.6961, 21.3652, 13.1942
YIQ	119.7850, -10.5410, -23.7330

# Conversions

## Conversions Part 2

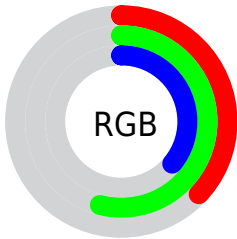
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 138, 134
Decimal	6261339
CIE <sub>Lab</sub>	53.35, -24.59, 20.59
CIE <sub>LCh</sub>	53, 32.075, 140.055
Yxy	21.3652, 0.3123, 0.4251
Android (android.graphics.Color)	4284451419 (0xFF5F8A5B)
YUV	119.7850, -14.1910, -21.7364
Hunter-Lab	46.2225, -20.2748, 15.4315

# Details

The Hex color **5F8A5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **865B8A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **93C08E**, and **2E582C** is the 20% darker color. If you saturate the color by 10%, you get **528A4D**, and if you desaturate by 10%, it is **6C8A69**.

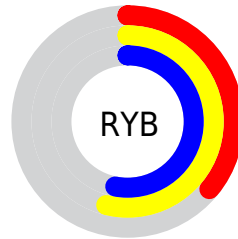
# Distribution



Red (37%)

Green (54%)

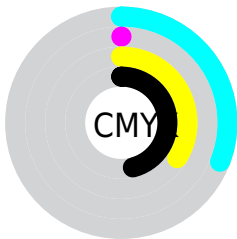
Blue (36%)



Red (36%)

Yellow (54%)

Blue (53%)

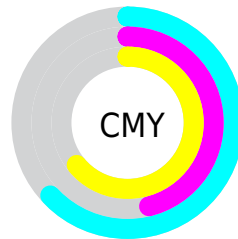


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (46%)



Cyan (63%)

Magenta (46%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8A5B 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 5F8A5B by changing the saturation by 10% instead.





5F8A5B



5F8A5B

FFFFFF



467043



93C08E



2E582C



AEDCA8



164017



CAF8C3



012900



E6FFDF



001400



FFFFFFC



000000



5F8A5B



5F8A5B



528A4D



6C8A69



468A3F



788A77

 398A32

 858A84

 2C8A24

 928A92

 208A16

 9E8AA0

 138A08

 AB8AAE

 0C8A00

 B78ABC

 C48AC9

 D18AD7

# Harmonies

## Analogous

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



7F844B



5F8A5B



3A8D75

# Triad

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



5F8A5B



4585B5



B56A6E

# Complementary

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



5F8A5B



865B8A

# 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.



AF6B8A



5F8A5B



757CB3

# Square

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



5F8A5B



008BA9



9972A3



AD7156

# Rectangle

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



5F8A5B



188E88



9972A3



B56A77



# Sweetspot

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



5F8A5B



A2B3A1



8A855B



4F594F



D9D9D9



595959



# Same Dimension

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



5F8A5B



70B369



5B8A6E



3F453E



0B8500



000500



# Inverse Universe

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



865B8A



AC69B3



8A5B77



443E45



790085



050005



# Previews

## White Background



This preview shows how the Hex color 5F8A5B 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

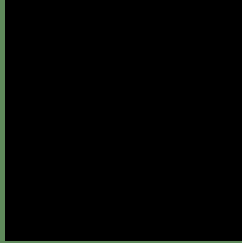
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F8A5B Background



This preview shows how black text looks on a background with the Hex color 5F8A5B.



This preview shows how white text looks on a background with the Hex color 5F8A5B.

# 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**  
68848E

# Trichromacy



**Original Color**  
5F8A5B

**Protanomaly**  
7A8358

**Deuteranomaly**  
82805E

**Tritanomaly**  
65867B

# Monochromacy



**Original Color**  
5F8A5B

**Achromatopsia**  
787878

**Achromatomaly**  
6F7F6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8A5B 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 #5F8A5B looks like.

```
.text, #text, p{  
    color:#5F8A5B  
}
```

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 #5F8A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8A5B
}
```

## Border

The CSS property to change the border of an element to Hex 5F8A5B 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
#5F8A5B }
```

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

```
.border{ border-color:#5F8A5B }
```

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

Here you see how a box with a 4 pixel #5F8A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8A5B; -webkit-box-shadow:4px 4px  
4px 4px #5F8A5B; box-shadow:4px 4px 4px  
4px #5F8A5B }
```

# Background

The CSS property to change the background color of an element to Hex 5F8A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8A5B }
```

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

```
.background{ background-color:#5F8A5B }
```

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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