

# Converting Colors

Hex(5F8D4D)

Have a look what the booklet for  
Hex(5F8D4D) contains.

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# Color

Hex(5F8D4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8D4D
RGB	95, 141, 77
RGB Percent	37%, 55%, 30%
CMY	0.6275, 0.4471, 0.6980
CMYK	0.33, 0.00, 0.45, 0.45
HSL	103°, 29%, 43%
HSV	103°, 45%, 55%
XYZ	15.5837, 22.0185, 10.4498
YIQ	119.9500, -6.8720, -29.6560

# Conversions

## Conversions Part 2

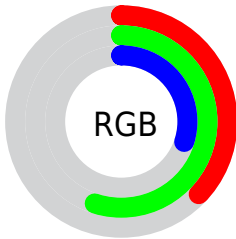
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 141, 123
Decimal	6262093
CIELab	54.05, -28.26, 29.20
CIElCh	54, 40.639, 134.064
Yxy	22.0185, 0.3243, 0.4582
Android (android.graphics.Color)	4284452173 (0xFF5F8D4D)
YUV	119.9500, -21.1744, -21.8812
Hunter-Lab	46.9238, -22.8356, 19.6430

# Details

The Hex color **5F8D4D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7B4D8D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **93C37F**, and **2D5A1E** is the 20% darker color. If you saturate the color by 10%, you get **558D3F**, and if you desaturate by 10%, it is **698D5B**.

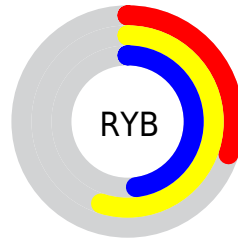
# Distribution



Red (37%)

Green (55%)

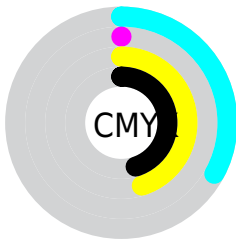
Blue (30%)



Red (30%)

Yellow (55%)

Blue (48%)

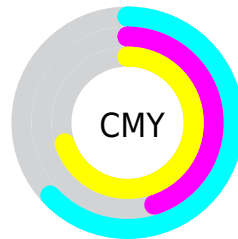


Cyan (33%)

Magenta (0%)

Yellow (45%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8D4D 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 5F8D4D by changing the saturation by 10% instead.





5F8D4D



5F8D4D

FFFFFF



467335



93C37F



2D5A1E



AFDF99



134306



CBFCB4



002C00



E7FFD0



001700



FFFFED



000000



5F8D4D



5F8D4D



558D3F



698D5B



4B8D31



738D69

 418D23

 7D8D77

 368D15

 888D85

 2C8D06

 928D94

 288D00

 9C8DA2

 A68DB0

 B08DBE

 BA8DCC

# Harmonies

## Analogous

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



86843B



5F8D4D



26926D

# Triad

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



5F8D4D



008AC4



C46472

# Complementary

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



5F8D4D



7B4D8D

# 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.



B96695



5F8D4D



657FC5

# Square

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



5F8D4D



0091B1



9972B4



BC6C52

# Rectangle

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



5F8D4D



009385



9972B4



C2647E



# Sweetspot

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



5F8D4D



A5B89E



8D7B4D



515C4C



DBDBDB



5C5C5C



# Same Dimension

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



5F8D4D



70B854



4D8D5B



424740



268700



020800



# Inverse Universe

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



7B4D8D



9C54B8



8D4D7F



454047



610087



050008



# Previews

## White Background



This preview shows how the Hex color 5F8D4D looks on a white background.

## Color Contrast Check

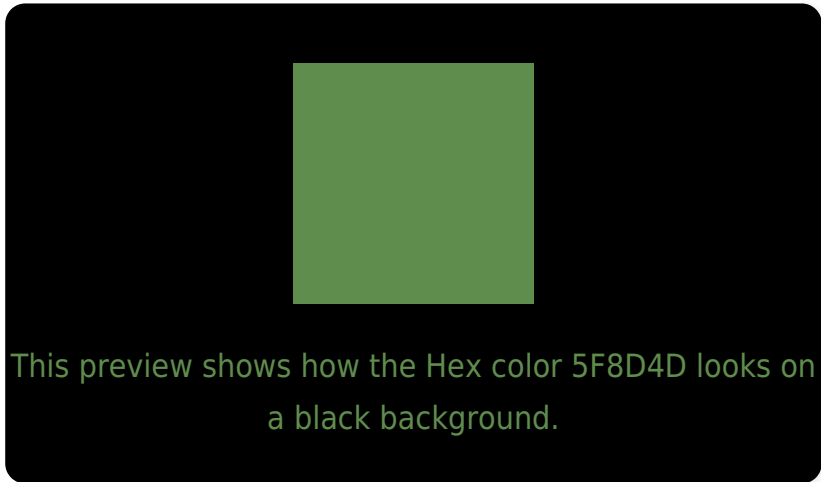
Large Text (above 18pt) WCAG AA ✓ Pass

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 5F8D4D Background



This preview shows how black text looks on a background with the Hex color 5F8D4D.

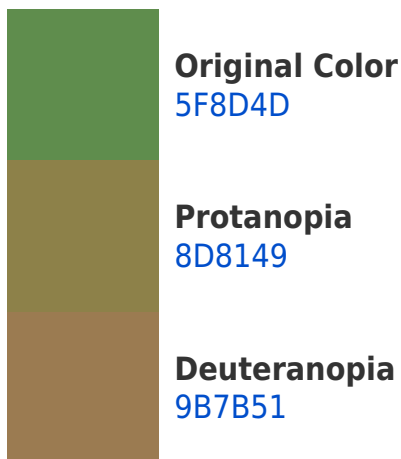



This preview shows how white text looks on a background with the Hex color 5F8D4D.

# 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**  
6A8590

# Trichromacy



**Original Color**  
5F8D4D

**Protanomaly**  
7C854A

**Deuteranomaly**  
858250

**Tritanomaly**  
668878

# Monochromacy



**Original Color**  
5F8D4D

**Achromatopsia**  
787878

**Achromatomaly**  
6F8068

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8D4D 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 #5F8D4D looks like.

```
.text, #text, p{  
    color:#5F8D4D  
}
```

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 #5F8D4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8D4D
}
```

## Border

The CSS property to change the border of an element to Hex 5F8D4D 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
#5F8D4D }
```

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

```
.border{ border-color:#5F8D4D }
```

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

Here you see how a box with a 4 pixel #5F8D4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8D4D; -webkit-box-shadow:4px 4px  
4px 4px #5F8D4D; box-shadow:4px 4px 4px  
4px #5F8D4D }
```

# Background

The CSS property to change the background color of an element to Hex 5F8D4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8D4D }
```

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

```
.background{ background-color:#5F8D4D }
```

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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