

Converting Colors

Hex(5F8E4F)

Have a look what the booklet for
Hex(5F8E4F) contains.

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Color

Hex(5F8E4F)

Conversions

Conversions Part 1

Format	Color
Hex	5F8E4F
RGB	95, 142, 79
RGB Percent	37%, 56%, 31%
CMY	0.6275, 0.4431, 0.6902
CMYK	0.33, 0.00, 0.44, 0.44
HSL	105°, 29%, 43%
HSV	105°, 44%, 56%
XYZ	15.8036, 22.3434, 10.8769
YIQ	120.7650, -7.7890, -29.5570

Conversions

Conversions Part 2

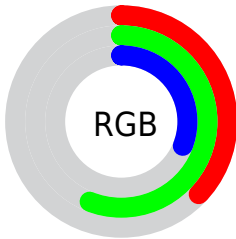
Format	Color
R_{YB}	79, 142, 126
Decimal	6262351
CIE _{Lab}	54.39, -28.46, 28.56
CIE _{LCh}	54, 40.321, 134.898
Yxy	22.3434, 0.3224, 0.4558
Android (android.graphics.Color)	4284452431 (0xFF5F8E4F)
YUV	120.7650, -20.5901, -22.5959
Hunter-Lab	47.2688, -23.0417, 19.4451

Details

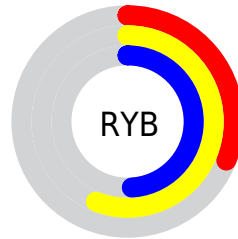
The Hex color **5F8E4F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E4F8E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **93C481**, and **2D5B20** is the 20% darker color. If you saturate the color by 10%, you get **548E41**, and if you desaturate by 10%, it is **6A8E5D**.

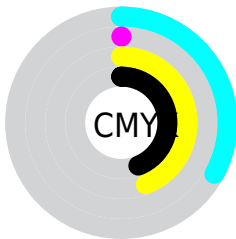
Distribution



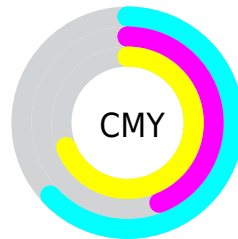
- Red (37%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (49%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8E4F 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 5F8E4F by changing the saturation by 10% instead.

■ 5F8E4F

■ 5F8E4F

FFFFFF

■ 467437

■ 93C481

■ 2D5B20

■ AFE09B

■ 134309

■ CBFDB7

■ 002D00

■ E7FFD2

■ 001800

■ FFFFEF

■ 000000

■ 5F8E4F

■ 5F8E4F

■ 548E41

■ 6A8E5D

■ 4A8E33

■ 748E6B

 3F8E24

 7F8E7A

 358E16

 898E88

 2A8E08

 948E96

 248E00

 9F8EA4

 A98EB2

 B48EC1

 BE8ECF

Harmonies

Analogous

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



86863C



5F8E4F



27936F

Triad

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



5F8E4F



008BC5



C46572

Complementary

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



5F8E4F



7E4F8E

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.



BA6795



5F8E4F



6880C5

Square

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



5F8E4F



0091B2



9B72B4



BC6D52

Rectangle

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



5F8E4F



009487



9B72B4



C3657E

Sweetspot

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



5F8E4F



A6B8A0



8E7D4F



515C4D



DBDBDB



5C5C5C

Same Dimension

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



5F8E4F



6FB856



4F8E5E



424740



228700



020800

Inverse Universe

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



7E4F8E



9F56B8



8E4F7F



464047



650087



060008

Previews

White Background



This preview shows how the Hex color 5F8E4F looks on a white background.

Color Contrast Check

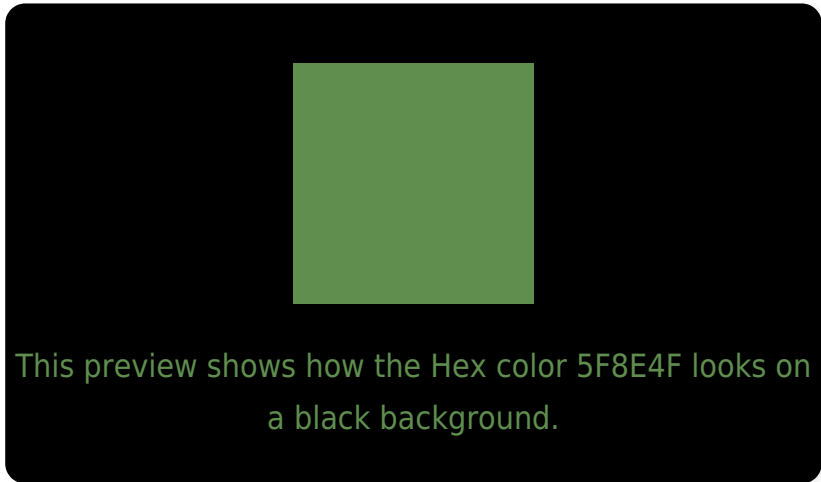
Large Text (above 18pt) WCAG AA ✓ Pass

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

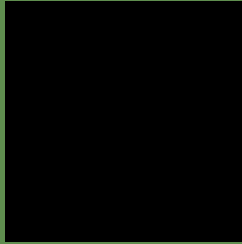
Any Text WCAG AA ✓ Pass

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 5F8E4F Background



This preview shows how black text looks on a background with the Hex color 5F8E4F.

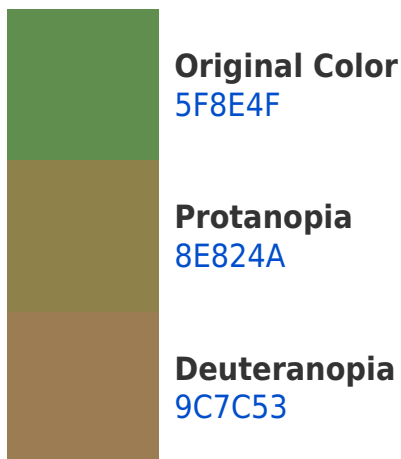



This preview shows how white text looks on a background with the Hex color 5F8E4F.

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
6A8691

Trichromacy



Original Color
5F8E4F

Protanomaly
7D864C

Deuteranomaly
868352

Tritanomaly
668979

Monochromacy



Original Color
5F8E4F

Achromatopsia
797979

Achromatomaly
70816A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8E4F 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 #5F8E4F looks like.

```
.text, #text, p{  
    color:#5F8E4F  
}
```

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 #5F8E4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8E4F
}
```

Border

The CSS property to change the border of an element to Hex 5F8E4F 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
#5F8E4F }
```

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

```
.border{ border-color:#5F8E4F }
```

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

Here you see how a box with a 4 pixel #5F8E4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8E4F; -webkit-box-shadow:4px 4px  
4px 4px #5F8E4F; box-shadow:4px 4px 4px  
4px #5F8E4F }
```

Background

The CSS property to change the background color of an element to Hex 5F8E4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8E4F }
```

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

```
.background{ background-color:#5F8E4F }
```

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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