

Converting Colors

Hex(5D8F4F)

Have a look what the booklet for
Hex(5D8F4F) contains.

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Color

Hex(5D8F4F)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5D8F4F |
| RGB | 93, 143, 79 |
| RGB Percent | 36%, 56%, 31% |
| CMY | 0.6353, 0.4392, 0.6902 |
| CMYK | 0.35, 0.00, 0.45, 0.44 |
| HSL | 107°, 29%, 44% |
| HSV | 107°, 45%, 56% |
| XYZ | 15.7479, 22.5366, 10.9171 |
| YIQ | 120.7540, -9.2560, -30.5040 |

Conversions

Conversions Part 2

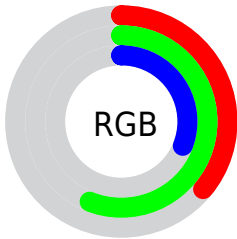
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 79, 143, 129 |
| Decimal | 6131535 |
| CIE _{Lab} | 54.59, -29.66, 28.80 |
| CIE _{LCh} | 55, 41.336, 135.842 |
| Yxy | 22.5366, 0.3201, 0.4580 |
| Android (android.graphics.Color) | 4284321615 (0xFF5D8F4F) |
| YUV | 120.7540, -20.5847, -24.3403 |
| Hunter-Lab | 47.4727, -23.8641, 19.5962 |

Details

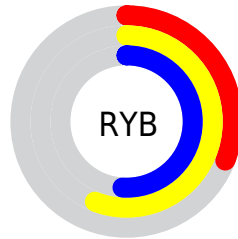
The Hex color **5D8F4F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **814F8F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **91C581**, and **2B5C20** is the 20% darker color. If you saturate the color by 10%, you get **528F41**, and if you desaturate by 10%, it is **688F5D**.

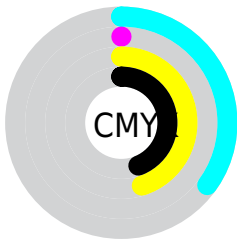
Distribution



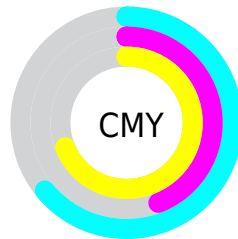
- Red (36%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (51%)



- Cyan (35%)
- Magenta (0%)
- Yellow (45%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D8F4F 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 5D8F4F by changing the saturation by 10% instead.



5D8F4F



5D8F4F

FFFFFF



447537



91C581



2B5C20



ADE19C



104409



C9FEB7



002D00



E5FFD2



001900



FFFFEF



000000



5D8F4F



5D8F4F



528F41



688F5D



478F32



738F6C

 3B8F24

 7F8F7A

 308F16

 8A8F88

 258F08

 958F97

 1F8F00

 A08FA5

 AB8FB3

 B68FC1

 C28FD0

Harmonies

Analogous

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



85873B



5D8F4F



1F9470

Triad

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



5D8F4F



008BC7



C66571

Complementary

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



5D8F4F



814F8F

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.



BC6795



5D8F4F



6980C7

Square

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



5D8F4F



0092B5



9E72B5



BD6E51

Rectangle

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



5D8F4F



009589



9E72B5



C5647D

Sweetspot

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



5D8F4F



A7BAA2



8F804F



535E4F



DEDEDE



5E5E5E

Same Dimension

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



5D8F4F



6CBA56



4F8F60



424740



1E8700



020800

Inverse Universe

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



814F8F



A456BA



8F4F7E



464047



6A0087



060008

Previews

White Background



This preview shows how the Hex color 5D8F4F looks on a white background.

Color Contrast Check

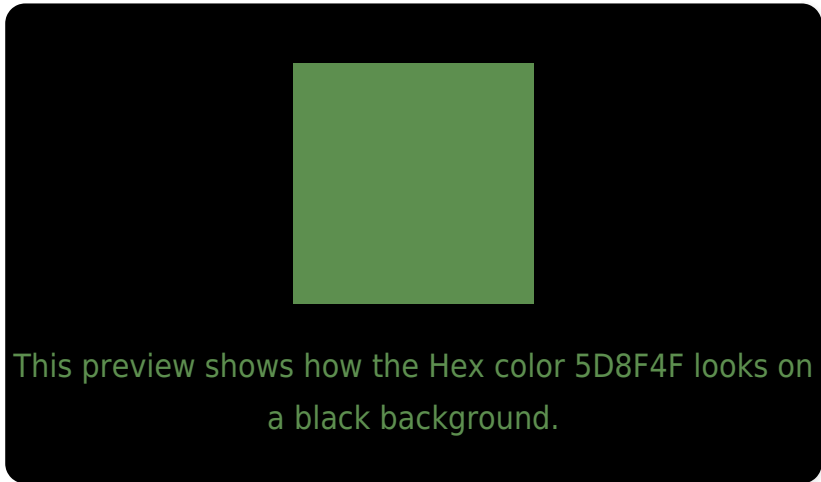
Large Text (above 18pt) WCAG AA ✓ Pass

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

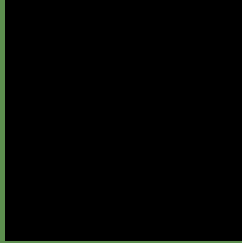
Any Text WCAG AA ✓ Pass

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 5D8F4F Background



This preview shows how black text looks on a background with the Hex color 5D8F4F.

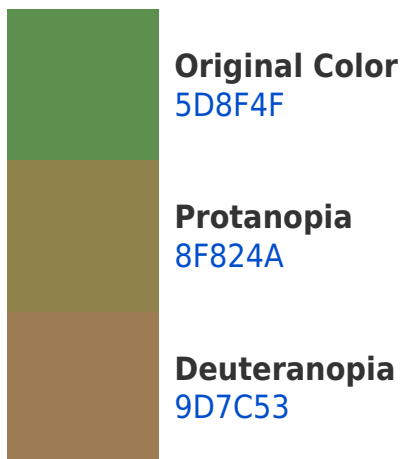


This preview shows how white text looks on a background with the Hex color 5D8F4F.

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



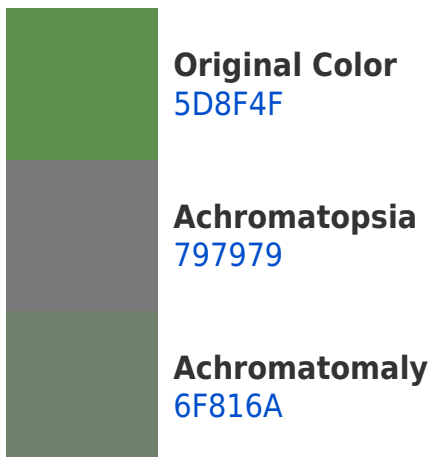


Tritanopia
698792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D8F4F 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 #5D8F4F looks like.

```
.text, #text, p{  
    color:#5D8F4F  
}
```

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 #5D8F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D8F4F
}
```

Border

The CSS property to change the border of an element to Hex 5D8F4F 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
#5D8F4F }
```

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

```
.border{ border-color:#5D8F4F }
```

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

Here you see how a box with a 4 pixel #5D8F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D8F4F; -webkit-box-shadow:4px 4px  
4px 4px #5D8F4F; box-shadow:4px 4px 4px  
4px #5D8F4F }
```

Background

The CSS property to change the background color of an element to Hex 5D8F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D8F4F }
```

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

```
.background{ background-color:#5D8F4F }
```

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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