

Converting Colors

Hex(5B8F54)

Have a look what the booklet for
Hex(5B8F54) contains.

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Color

Hex(5B8F54)

Conversions

Conversions Part 1

Format	Color
Hex	5B8F54
RGB	91, 143, 84
RGB Percent	36%, 56%, 33%
CMY	0.6431, 0.4392, 0.6706
CMYK	0.36, 0.00, 0.41, 0.44
HSL	113°, 26%, 45%
HSV	113°, 41%, 56%
XYZ	15.7371, 22.5092, 11.9028
YIQ	120.7260, -12.0530, -29.3730

Conversions

Conversions Part 2

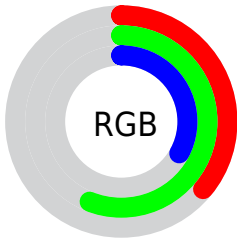
Format	Color
RYB	84, 143, 136
Decimal	6000468
CIELab	54.56, -29.59, 26.03
CIElCh	55, 39.414, 138.666
Yxy	22.5092, 0.3138, 0.4488
Android (android.graphics.Color)	4284190548 (0xFF5B8F54)
YUV	120.7260, -18.1059, -26.0697
Hunter-Lab	47.4438, -23.8184, 18.3359

Details

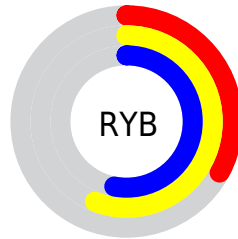
The Hex color **5B8F54** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **88548F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **8FC586**, and **295C25** is the 20% darker color. If you saturate the color by 10%, you get **4E8F46**, and if you desaturate by 10%, it is **688F62**.

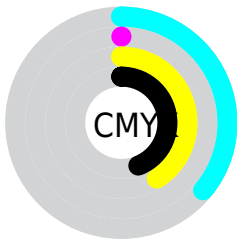
Distribution



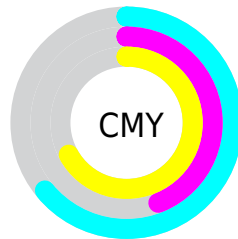
- Red (36%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (53%)



- Cyan (36%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8F54 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 5B8F54 by changing the saturation by 10% instead.



5B8F54



5B8F54

FFFFFF



42753C



8FC586



295C25



AAE1A1



0D440F



C6FEBC



002D00



E3FFD8



001900



FFFFF4



000000



5B8F54



5B8F54



4E8F46



688F62



428F37



748F71

 358F29


 818F7F

 298F1B

 8D8F8D

 1C8F0D

 9A8F9C

 118F00

 A78FAA

 B38FB8

 C08FC6

 CC8FD5

Harmonies

Analogous

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



828740



5B8F54



219374

Triad

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



5B8F54



228AC5



C3676F

Complementary

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



5B8F54



88548F

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.



BB6891



5B8F54



717FC3

Square

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



5B8F54



0091B5



A071B0



B97051

Rectangle

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



5B8F54



00948C



A071B0



C3667A

Sweetspot

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



5B8F54



A6BAA4



8F8754



535E51



DEDEDE



5E5E5E

Same Dimension

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



5B8F54



68BA5D



548F6A



414740



108700



010800

Inverse Universe

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



88548F



AF5DBA



8F5479



474047



770087



070008

Previews

White Background



This preview shows how the Hex color 5B8F54 looks on a white background.

Color Contrast Check

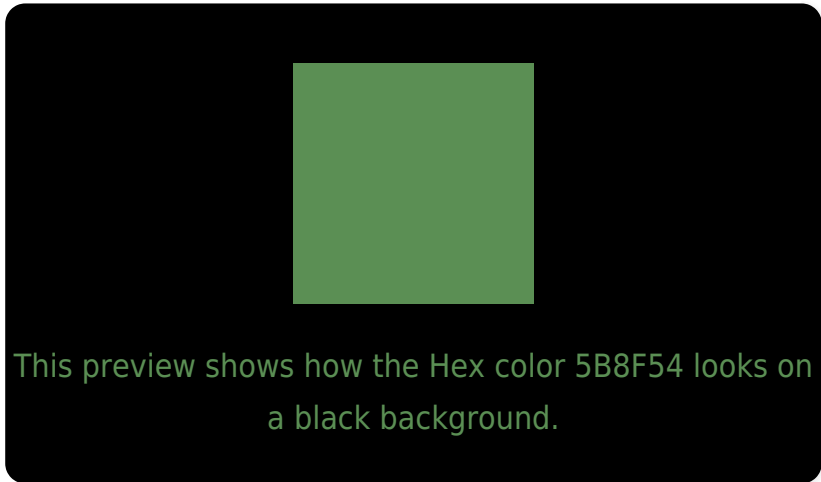
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B8F54 Background



This preview shows how black text looks on a background with the Hex color 5B8F54.



This preview shows how white text looks on a background with the Hex color 5B8F54.

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



Original Color
5B8F54

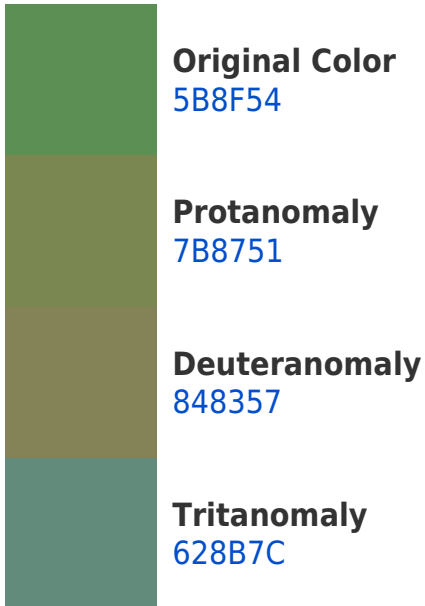
Protanopia
8E824F

Deuteranopia
9B7C58

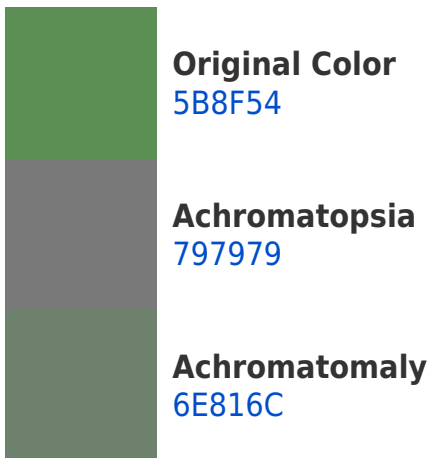


Tritanopia
668893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8F54 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 #5B8F54 looks like.

```
.text, #text, p{  
    color:#5B8F54  
}
```

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 #5B8F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8F54
}
```

Border

The CSS property to change the border of an element to Hex 5B8F54 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
#5B8F54 }
```

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

```
.border{ border-color:#5B8F54 }
```

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

Here you see how a box with a 4 pixel #5B8F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8F54; -webkit-box-shadow:4px 4px  
4px 4px #5B8F54; box-shadow:4px 4px 4px  
4px #5B8F54 }
```

Background

The CSS property to change the background color of an element to Hex 5B8F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8F54 }
```

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

```
.background{ background-color:#5B8F54 }
```

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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