

Converting Colors

Hex(5B7F54)

Have a look what the booklet for
Hex(5B7F54) contains.

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Color

Hex(5B7F54)

Conversions

Conversions Part 1

Format	Color
Hex	5B7F54
RGB	91, 127, 84
RGB Percent	36%, 50%, 33%
CMY	0.6431, 0.5020, 0.6706
CMYK	0.28, 0.00, 0.34, 0.50
HSL	110°, 20%, 41%
HSV	110°, 34%, 50%
XYZ	13.5040, 18.0430, 11.1584
YIQ	111.3340, -7.6530, -21.0050

Conversions

Conversions Part 2

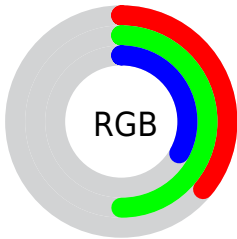
Format	Color
RYB	84, 127, 120
Decimal	5996372
CIELab	49.55, -21.63, 19.42
CIELCh	50, 29.072, 138.084
Yxy	18.0430, 0.3162, 0.4225
Android (android.graphics.Color)	4284186452 (0xFF5B7F54)
YUV	111.3340, -13.4757, -17.8329
Hunter-Lab	42.4770, -17.5874, 14.1589

Details

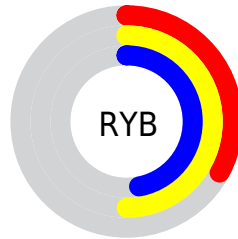
The Hex color **5B7F54** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **78547F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8EB486**, and **2B4E26** is the 20% darker color. If you saturate the color by 10%, you get **507F47**, and if you desaturate by 10%, it is **667F61**.

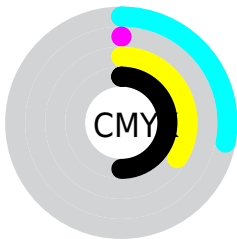
Distribution



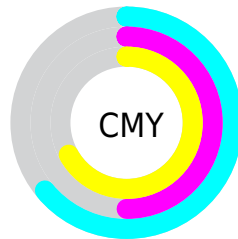
- Red (36%)
- Green (50%)
- Blue (33%)



- Red (33%)
- Yellow (50%)
- Blue (47%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7F54 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 5B7F54 by changing the saturation by 10% instead.



5B7F54



5B7F54

FFFFFF



43663D



8EB486



2B4E26



A9D0A0



143711



C5ECBB



002100



E1FFD7



000000



FEFFF4



5B7F54



5B7F54



507F47



667F61



467F3B



707F6D

 3B7F2E

 7B7F7A

 307F21

 867F87

 267F14

 907F93

 1B7F08

 9B7FA0

 157F00

 A57FAD

 B07FBA

 BB7FC6

Harmonies

Analogous

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



777946



5B7F54



3B826B

Triad

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



5B7F54



407BA6



A66368

Complementary

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



5B7F54



78547F

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.



A06481



5B7F54



6A73A5

Square

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



5B7F54



11819A



8B6A97



A06952

Rectangle

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



5B7F54



22837C



8B6A97



A56370

Sweetspot

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



5B7F54



98A695



7F7854



4C544A



D4D4D4



545454

Same Dimension

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



5B7F54



6DA662



547F62



3A4039



158000



000000

Inverse Universe

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



78547F



9B62A6



7F5471



3F3940



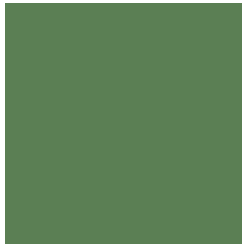
6B0080



000000

Previews

White Background



This preview shows how the Hex color 5B7F54 looks on a white background.

Color Contrast Check

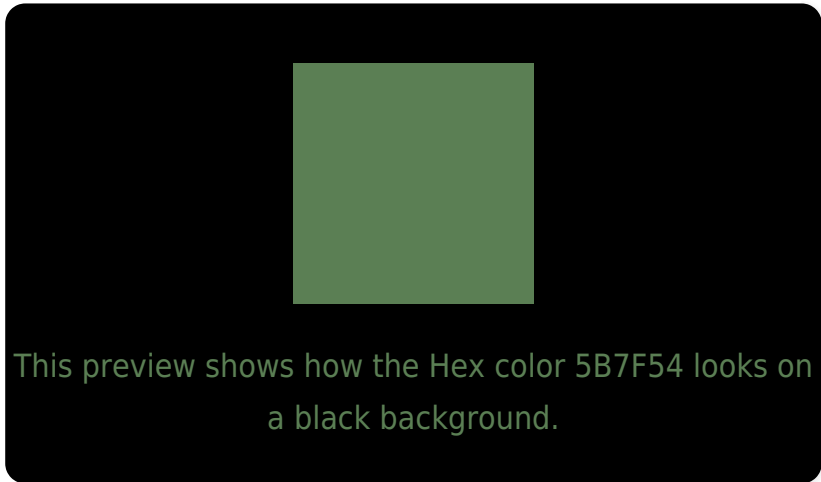
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

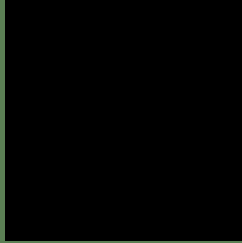
Any Text WCAG AA ✓ Pass

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 5B7F54 Background



This preview shows how black text looks on a background with the Hex color 5B7F54.



This preview shows how white text looks on a background with the Hex color 5B7F54.

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
5B7F54

Protanopia
7F7550

Deuteranopia
8B7157



Tritanopia
637983

Trichromacy



Original Color
5B7F54

Protanomaly
727951

Deuteranomaly
7A7656

Tritanomaly
607B72

Monochromacy



Original Color
5B7F54

Achromatopsia
6F6F6F

Achromatomaly
687565

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7F54 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 #5B7F54 looks like.

```
.text, #text, p{  
    color:#5B7F54  
}
```

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 #5B7F54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7F54
}
```

Border

The CSS property to change the border of an element to Hex 5B7F54 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
#5B7F54 }
```

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

```
.border{ border-color:#5B7F54 }
```

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

Here you see how a box with a 4 pixel #5B7F54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7F54; -webkit-box-shadow:4px 4px  
4px 4px #5B7F54; box-shadow:4px 4px 4px  
4px #5B7F54 }
```

Background

The CSS property to change the background color of an element to Hex 5B7F54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7F54 }
```

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

```
.background{ background-color:#5B7F54 }
```

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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