

# Converting Colors

Hex(5B7746)

Have a look what the booklet for  
Hex(5B7746) contains.

|  |    |
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# Color

**Hex(5B7746)**

# Conversions

| Conversions Part 1 |                             |
|--------------------|-----------------------------|
| Format             | Color                       |
| Hex                | 5B7746                      |
| RGB                | 91, 119, 70                 |
| RGB Percent        | 36%, 47%, 27%               |
| CMY                | 0.6431, 0.5333, 0.7255      |
| CMYK               | 0.24, 0.00, 0.41, 0.53      |
| HSL                | 94°, 26%, 37%               |
| HSV                | 94°, 41%, 47%               |
| XYZ                | 12.0167, 15.8600, 8.2223    |
| YIQ                | 105.0420, -0.9590, -21.1750 |

# Conversions

## Conversions Part 2

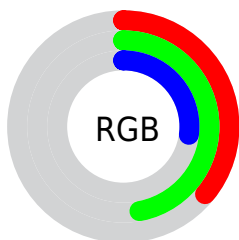
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">70, 119, 98</a>                  |
| Decimal                             | <a href="#">5994310</a>                      |
| CIELab                              | <a href="#">46.79, -19.70, 23.72</a>         |
| CIELCh                              | <a href="#">47, 30.835, 129.705</a>          |
| Yxy                                 | <a href="#">15.8600, 0.3329, 0.4393</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4284184390</a><br>(0xFF5B7746)   |
| YUV                                 | <a href="#">105.0420, -17.2757, -12.3148</a> |
| Hunter-Lab                          | <a href="#">39.8246, -15.8324, 15.6361</a>   |

# Details

The Hex color **5B7746** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **624677**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8EAB77**, and **2B4619** is the 20% darker color. If you saturate the color by 10%, you get **54773A**, and if you desaturate by 10%, it is **627752**.

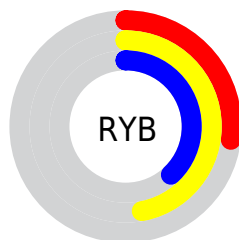
# Distribution



Red (36%)

Green (47%)

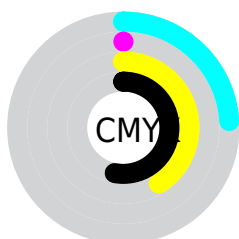
Blue (27%)



Red (27%)

Yellow (47%)

Blue (38%)

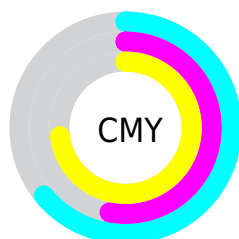


Cyan (24%)

Magenta (0%)

Yellow (41%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7746 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 5B7746 by changing the saturation by 10% instead.



5B7746



5B7746

FFFFFF



435E2F



8EAB77



2B4619



A9C791



163000



C4E3AC



001C00



E1FFC7



000000



FDFFE3



5B7746



5B7746



54773A



627752



4D772E



69775E

 477722

 6F776A

 407716

 767776


 39770B

 7D7782

 337700

 84778D

 8B7799

 9177A5

 9877B1

# Harmonies

## Analogous

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



77703B



5B7746



397B5C

# Triad

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



5B7746



1F769F



A15A67

# Complementary

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



5B7746



624677

# 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.



965D81



5B7746



566FA2

# Square

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



5B7746



007B8F



7C6597



9D5F4F

# Rectangle

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



5B7746



1A7C6E



7C6597



9F5A70

# Sweetspot

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



5B7746



919C89



776246



494F44



CFCFCF



4F4F4F



# Same Dimension

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



5B7746



709C4F



467749



373B35



347A00



6BFA00



# Inverse Universe

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



624677



7B4F9C



774674



38353B



46007A

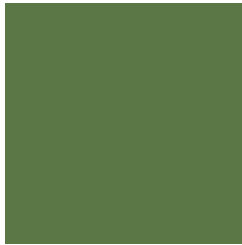


8F00FA



# Previews

## White Background



This preview shows how the Hex color 5B7746 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



This preview shows how the Hex color 5B7746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

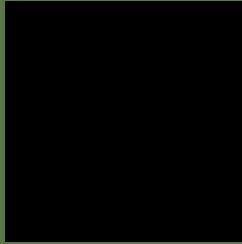
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## Hex 5B7746 Background



This preview shows how black text looks on a background with the Hex color 5B7746.



This preview shows how white text looks on a background with the Hex color 5B7746.

# 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**  
5B7746

**Protanopia**  
796F43

**Deuteranopia**  
856A49



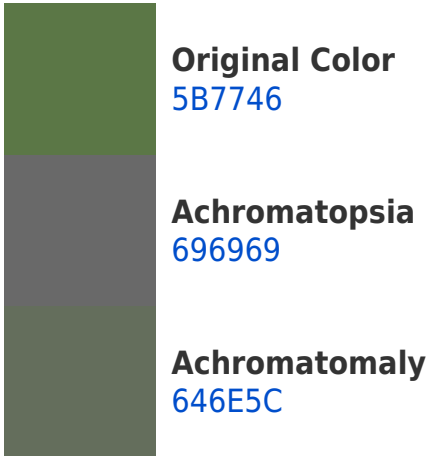
# Tritanopia

## 63717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7746 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 #5B7746 looks like.

```
.text, #text, p{  
    color:#5B7746  
}
```

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 #5B7746 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7746
}
```

## Border

The CSS property to change the border of an element to Hex 5B7746 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
#5B7746 }
```

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

```
.border{ border-color:#5B7746 }
```

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

Here you see how a box with a 4 pixel #5B7746 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7746; -webkit-box-shadow:4px 4px  
4px 4px #5B7746; box-shadow:4px 4px 4px  
4px #5B7746 }
```

# Background

The CSS property to change the background color of an element to Hex 5B7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7746 }
```

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

```
.background{ background-color:#5B7746 }
```

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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