

Converting Colors

Hex(5B7761)

Have a look what the booklet for
Hex(5B7761) contains.

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Color

Hex(5B7761)

Conversions

Conversions Part 1

Format	Color
Hex	5B7761
RGB	91, 119, 97
RGB Percent	36%, 47%, 38%
CMY	0.6431, 0.5333, 0.6196
CMYK	0.24, 0.00, 0.18, 0.53
HSL	133°, 13%, 41%
HSV	133°, 24%, 47%
XYZ	13.0689, 16.2809, 13.7630
YIQ	108.1200, -9.6260, -12.7780

Conversions

Conversions Part 2

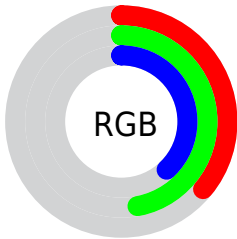
Format	Color
R_{YB}	91, 114, 119
Decimal	5994337
CIE _{Lab}	47.34, -14.95, 8.84
CIE _{LCh}	47, 17.367, 149.418
Yxy	16.2809, 0.3031, 0.3776
Android (android.graphics.Color)	4284184417 (0xFF5B7761)
YUV	108.1200, -5.4822, -15.0142
Hunter-Lab	40.3496, -12.7971, 8.0212

Details

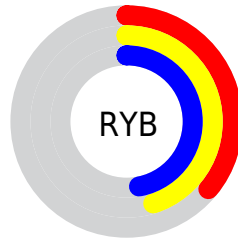
The Hex color **5B7761** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **775B71**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8EAB94**, and **2C4633** is the 20% darker color. If you saturate the color by 10%, you get **4F7758**, and if you desaturate by 10%, it is **67776A**.

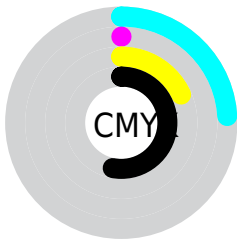
Distribution



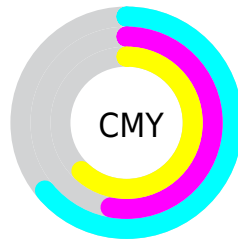
- Red (36%)
- Green (47%)
- Blue (38%)



- Red (36%)
- Yellow (45%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7761 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 5B7761 by changing the saturation by 10% instead.

 5B7761

 5B7761

FFFFFF

 435E49

 8EAB94

 2C4633

 A8C7AE

 16301D

 C4E3CA

 001C05

 E0FFE6

 000000

 FCFFFF

 5B7761

 5B7761

 4F7758

 67776A

 43774E

 737774

 377745

 7F777D

 2B773C

 8B7786

 1F7732

 967790

 147729

 A27799

 087720

 AE77A2

 007719

 BA77AC

 C677B5

Harmonies

Analogous

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



6C7457



5B7761



4D796F

Triad

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



5B7761



5E728D



8E6763

Complementary

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



5B7761



775B71

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.



8C6671



5B7761



726D8A

Square

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



5B7761



4D7689



83687F



886A58

Rectangle

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



5B7761



477879



83687F



8E6667

Sweetspot

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



5B7761



919C93



71775B



494F4A



CFCFCF



4F4F4F

Same Dimension

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



5B7761



709C79



5B776F



353B36



007A1A



00FA36

Inverse Universe

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



775B71



9C7092



775B63



3B3539



7A0060



FA00C4

Previews

White Background



This preview shows how the Hex color 5B7761 looks on a white background.

Color Contrast Check

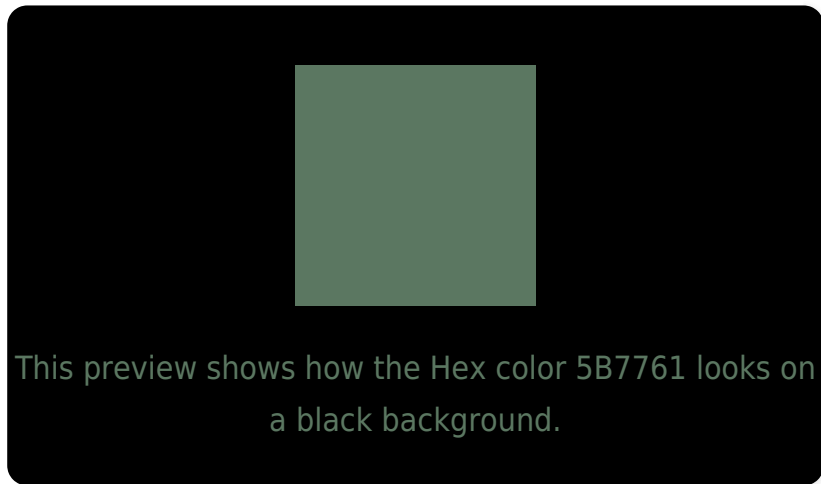
Large Text (above 18pt) WCAG AA ✓ Pass

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

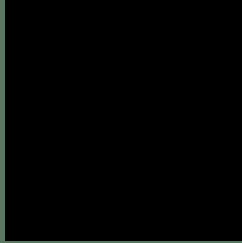
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

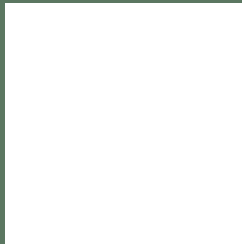
Any Text WCAG AAA × Fail

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

Hex 5B7761 Background



This preview shows how black text looks on a background with the Hex color 5B7761.



This preview shows how white text looks on a background with the Hex color 5B7761.

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](#).

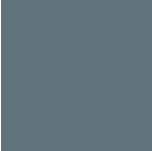
Dichromacy



Original Color
5B7761

Protanopia
76705D

Deuteranopia
7F6C63



Tritanopia
60737C

Trichromacy



Original Color
5B7761

Protanomaly
6C735E

Deuteranomaly
727062

Tritanomaly
5E7472

Monochromacy



Original Color
5B7761

Achromatopsia
6C6C6C

Achromatomaly
667068

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7761 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 #5B7761 looks like.

```
.text, #text, p{  
    color:#5B7761  
}
```

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 #5B7761 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7761
}
```

Border

The CSS property to change the border of an element to Hex 5B7761 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
#5B7761 }
```

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

```
.border{ border-color:#5B7761 }
```

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

Here you see how a box with a 4 pixel #5B7761 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7761; -webkit-box-shadow:4px 4px  
4px 4px #5B7761; box-shadow:4px 4px 4px  
4px #5B7761 }
```

Background

The CSS property to change the background color of an element to Hex 5B7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7761 }
```

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

```
.background{ background-color:#5B7761 }
```

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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