

Converting Colors

Hex(5B7D71)

Have a look what the booklet for
Hex(5B7D71) contains.

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Color

Hex(5B7D71)

Conversions

Conversions Part 1

Format	Color
Hex	5B7D71
RGB	91, 125, 113
RGB Percent	36%, 49%, 44%
CMY	0.6431, 0.5098, 0.5569
CMYK	0.27, 0.00, 0.10, 0.51
HSL	159°, 16%, 42%
HSV	159°, 27%, 49%
XYZ	14.6286, 18.0836, 18.3423
YIQ	113.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

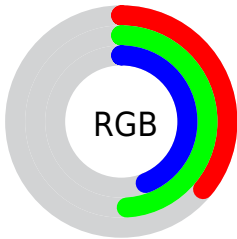
Format	Color
R_{YB}	91, 112, 125
Decimal	5995889
CIE _{Lab}	49.60, -14.79, 2.64
CIE _{LCh}	50, 15.028, 169.876
Yxy	18.0836, 0.2865, 0.3542
Android (android.graphics.Color)	4284185969 (0xFF5B7D71)
YUV	113.4660, -0.2297, -19.7027
Hunter-Lab	42.5249, -13.0141, 4.1938

Details

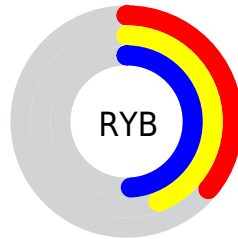
The Hex color **5B7D71** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7D5B67**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **8EB2A5**, and **2C4C41** is the 20% darker color. If you saturate the color by 10%, you get **4F7D6D**, and if you desaturate by 10%, it is **687D75**.

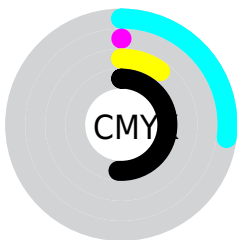
Distribution



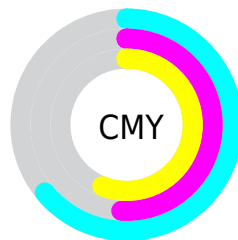
- Red (36%)
- Green (49%)
- Blue (44%)



- Red (36%)
- Yellow (44%)
- Blue (49%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (51%)



- Cyan (64%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B7D71 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 5B7D71 by changing the saturation by 10% instead.

■ 5B7D71

■ 5B7D71

FFFFFF

■ 436459

■ 8EB2A5

■ 2C4C41

■ A9CDC0

■ 15352B

■ C4E9DC

■ 002017

■ E0FFF8

■ 000000

■ FDFFFF

■ 5B7D71

■ 5B7D71

■ 4F7D6D

■ 687D75

■ 427D68

■ 747D7A

 367D64

 817D7E

 297D5F

 8D7D83

 1D7D5B

 9A7D87

 107D57

 A67D8B

 047D52

 B37D90

 007D51

 BF7D94

 CC7D99

Harmonies

Analogous

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



687B65



5B7D71



537D7E

Triad

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



5B7D71



73748E



8D7063

Complementary

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



5B7D71



7D5B67

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.



916D6E



5B7D71



827086

Square

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



5B7D71



62788F



8D6D7B



84745D

Rectangle

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



5B7D71



547C86



8D6D7B



8F6F66

Sweetspot

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



5B7D71



96A39F



677D5B



49524F



D1D1D1



525252

Same Dimension

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



5B7D71



6DA390



5B787D



39403E



008052



000000

Inverse Universe

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



7D5B67



A36D80



7D605B



40393C



80002D



000000

Previews

White Background



This preview shows how the Hex color 5B7D71 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

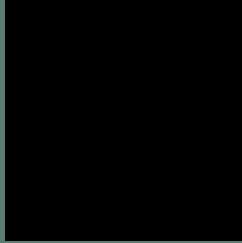
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

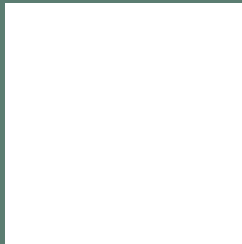
Any Text WCAG AAA × Fail

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

Hex 5B7D71 Background



This preview shows how black text looks on a background with the Hex color 5B7D71.

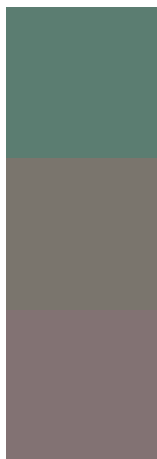


This preview shows how white text looks on a background with the Hex color 5B7D71.

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
5B7D71

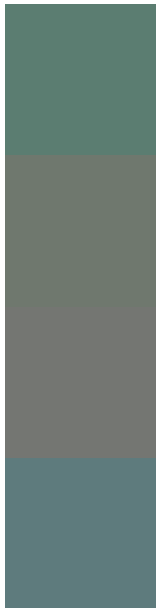
Protanopia
7A756D

Deuteranopia
827273



Tritanopia
5F7A84

Trichromacy



Original Color
5B7D71

Protanomaly
6F786E

Deuteranomaly
747672

Tritanomaly
5E7B7D

Monochromacy



Original Color
5B7D71

Achromatopsia
717171

Achromatomaly
697571

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B7D71 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 #5B7D71 looks like.

```
.text, #text, p{  
    color:#5B7D71  
}
```

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 #5B7D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7D71  
}
```

Border

The CSS property to change the border of an element to Hex 5B7D71 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  
#5B7D71 }
```

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

```
.border{ border-color:#5B7D71 }
```

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

Here you see how a box with a 4 pixel #5B7D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7D71; -webkit-box-shadow:4px 4px  
4px 4px #5B7D71; box-shadow:4px 4px 4px  
4px #5B7D71 }
```

Background

The CSS property to change the background color of an element to Hex 5B7D71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7D71 }
```

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

```
.background{ background-color:#5B7D71 }
```

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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awesome pro features!

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