

Converting Colors

Hex(5B785B)

Have a look what the booklet for
Hex(5B785B) contains.

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Color

Hex(5B785B)

Conversions

Conversions Part 1

Format	Color
Hex	5B785B
RGB	91, 120, 91
RGB Percent	36%, 47%, 36%
CMY	0.6431, 0.5294, 0.6431
CMYK	0.24, 0.00, 0.24, 0.53
HSL	120°, 14%, 41%
HSV	120°, 24%, 47%
XYZ	12.9192, 16.4124, 12.3845
YIQ	108.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

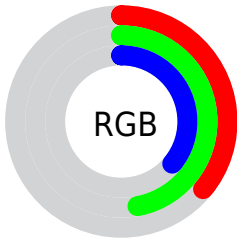
Format	Color
RYB	91, 120, 120
Decimal	5994587
CIELab	47.51, -16.67, 12.60
CIElCh	48, 20.899, 142.925
Yxy	16.4124, 0.3097, 0.3934
Android (android.graphics.Color)	4284184667 (0xFF5B785B)
YUV	108.0230, -8.3923, -14.9292
Hunter-Lab	40.5122, -13.9735, 10.2337

Details

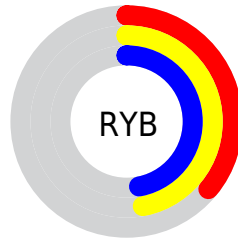
The Hex color **5B785B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **785B78**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8EAC8D**, and **2C472D** is the 20% darker color. If you saturate the color by 10%, you get **4F784F**, and if you desaturate by 10%, it is **677867**.

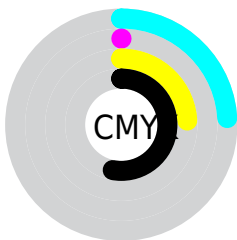
Distribution



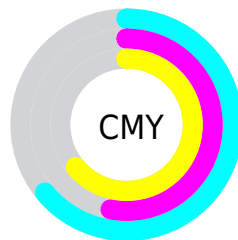
- Red (36%)
- Green (47%)
- Blue (36%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B785B 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 5B785B by changing the saturation by 10% instead.



5B785B



5B785B

FFFFFF



435F43



8EAC8D



2C472D



A8C8A8



163118



C4E4C3



001C00



E0FFDF



000000



FDFFFB



5B785B



5B785B



4F784F



677867



437843



737873

 377837

 7F787F

 2B782B

 8B788B

 1F781F

 977897

 137813

 A378A3

 077807

 AF78AF

 007800

 BB78BB

 C778C7

Harmonies

Analogous

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



6F7450



5B785B



477A6C

Triad

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



5B785B



547493



946464

Complementary

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



5B785B



785B78

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.



916476



5B785B



6E6E91

Square

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



5B785B



3F788C



836886



8E6855

Rectangle

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



5B785B



3E7B78



836886



94646A

Sweetspot

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



5B785B



919C91



78785B



494F49



CFCFCF



4F4F4F

Same Dimension

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



5B785B



6E9C6E



5B7869



373D37



007D00



00FC00

Inverse Universe

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



785B78



9C6E9C



785B69



3D373D



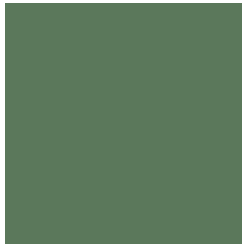
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 5B785B looks on a white background.

Color Contrast Check

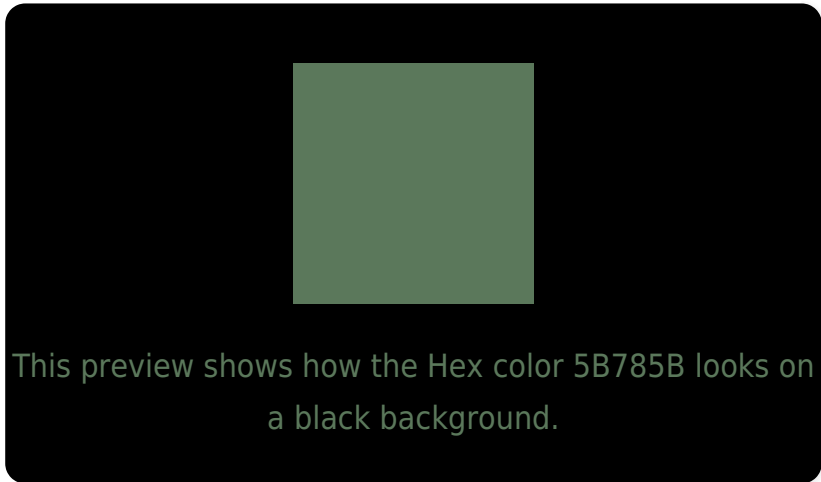
Large Text (above 18pt) WCAG AA ✓ Pass

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

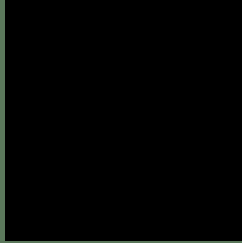
Any Text WCAG AA × Fail

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 5B785B Background



This preview shows how black text looks on a background with the Hex color 5B785B.



This preview shows how white text looks on a background with the Hex color 5B785B.

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
5B785B

Protanopia
787057

Deuteranopia
826C5E



Tritanopia
61747D

Trichromacy



Original Color
5B785B

Protanomaly
6D7358

Deuteranomaly
74705D

Tritanomaly
5F7571

Monochromacy



Original Color
5B785B

Achromatopsia
6C6C6C

Achromatomaly
667066

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B785B 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 #5B785B looks like.

```
.text, #text, p{  
    color:#5B785B  
}
```

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 #5B785B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B785B
}
```

Border

The CSS property to change the border of an element to Hex 5B785B 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".

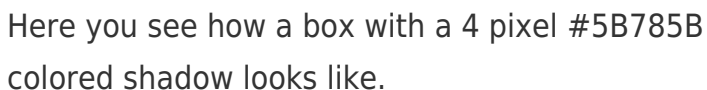
```
.border, #border, table{ border:4px solid
#5B785B }
```

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

```
.border{ border-color:#5B785B }
```

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

Here you see how a box with a 4 pixel #5B785B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B785B; -webkit-box-shadow:4px 4px  
4px 4px #5B785B; box-shadow:4px 4px 4px  
4px #5B785B }
```

Background

The CSS property to change the background color of an element to Hex 5B785B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B785B }
```

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

```
.background{ background-color:#5B785B }
```

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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