

# Converting Colors

Hex(5A755B)

Have a look what the booklet for  
Hex(5A755B) contains.

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# Color

Hex(5A755B)

# Conversions

## Conversions Part 1

Format	Color
Hex	5A755B
RGB	90, 117, 91
RGB Percent	35%, 46%, 36%
CMY	0.6471, 0.5412, 0.6431
CMYK	0.23, 0.00, 0.22, 0.54
HSL	122°, 13%, 41%
HSV	122°, 23%, 46%
XYZ	12.4661, 15.6516, 12.2616
YIQ	105.9630, -7.7460, -13.8100

# Conversions

## Conversions Part 2

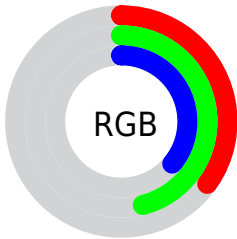
Format	Color
<b>R<sub>YB</sub></b>	90, 116, 117
Decimal	5928283
CIE Lab	46.51, -15.42, 11.20
CIE LCh	47, 19.058, 144.000
Yxy	15.6516, 0.3087, 0.3876
Android (android.graphics.Color)	4284118363 (0xFF5A755B)
YUV	105.9630, -7.3768, -13.9996
Hunter-Lab	39.5621, -12.9880, 9.3176

# Details

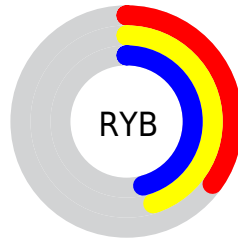
The Hex color **5A755B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755A74**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8DA98D**, and **2B452D** is the 20% darker color. If you saturate the color by 10%, you get **4E7550**, and if you desaturate by 10%, it is **667566**.

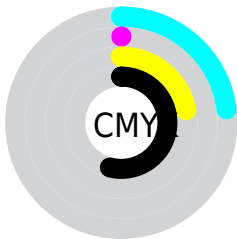
# Distribution



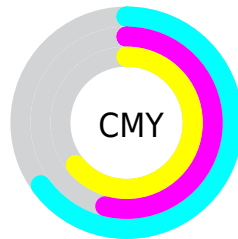
- Red (35%)
- Green (46%)
- Blue (36%)



- Red (35%)
- Yellow (45%)
- Blue (46%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (54%)



- Cyan (65%)
- Magenta (54%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5A755B 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 5A755B by changing the saturation by 10% instead.





5A755B



5A755B

FFFFFF



425C43



8DA98D



2B452D



A7C4A8



162E18



C2E0C3



001A00



DEFDDF



000000



FBFFFB



5A755B



5A755B



4E7550



667566



437544



717572

■ 377539

■ 7D757D

■ 2B752E

■ 897588

■ 207523

■ 957593

■ 147517

■ A0759F

■ 08750C

■ AC75AA

■ 007504

■ B875B5

■ C375C0

# Harmonies

## Analogous

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



6C7151



5A755B



49776A

# Triad

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



5A755B



56718E



8F6362

# Complementary

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



5A755B



755A74

# 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.



8C6372



5A755B



6C6B8B

# Square

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



5A755B



437588



806681



896755

# Rectangle

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



5A755B



417775



806681



8F6367



# Sweetspot

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



5A755B



8E998F



74755A



464D47



CCCCCC



4D4D4D



# Same Dimension

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



5A755B



6E9970



5A7568



353B35



007A05



00FA09



# Inverse Universe

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



755A74



996E97



755A67



3B353A



7A0076



FA00F1



# Previews

## White Background



This preview shows how the Hex color 5A755B looks on a white background.

## Color Contrast Check

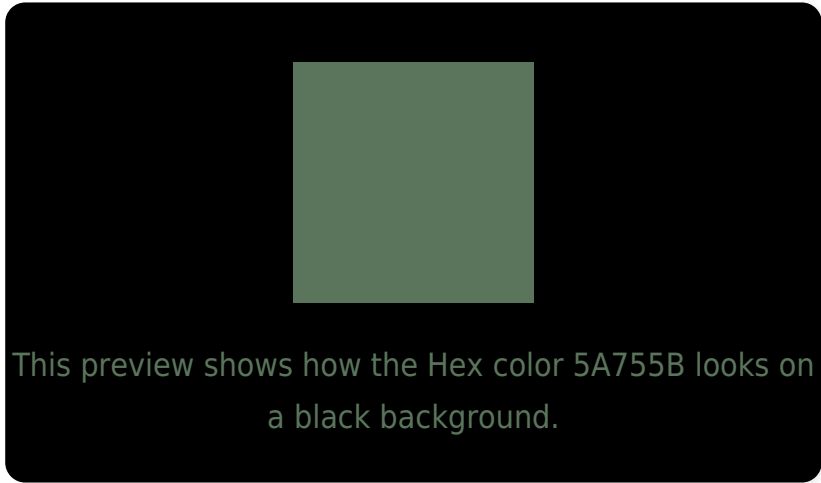
Large Text (above 18pt) WCAG AA ✓ Pass

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

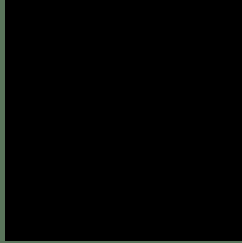
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5A755B Background



This preview shows how black text looks on a background with the Hex color 5A755B.



This preview shows how white text looks on a background with the Hex color 5A755B.

# 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**  
5A755B

**Protanopia**  
756E58

**Deuteranopia**  
7E6A5D



**Tritanopia**  
5F717A

# Trichromacy



**Original Color**  
5A755B

**Protanomaly**  
6B7159

**Deuteranomaly**  
716E5C

**Tritanomaly**  
5D726F

# Monochromacy



**Original Color**  
5A755B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
646E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5A755B 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 #5A755B looks like.

```
.text, #text, p{  
    color:#5A755B  
}
```

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 #5A755B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A755B
}
```

## Border

The CSS property to change the border of an element to Hex 5A755B 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".

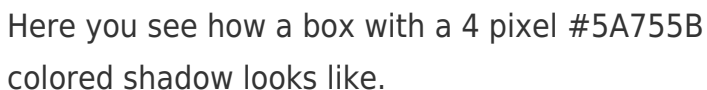
```
.border, #border, table{ border:4px solid
#5A755B }
```

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

```
.border{ border-color:#5A755B }
```

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

Here you see how a box with a 4 pixel #5A755B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A755B; -webkit-box-shadow:4px 4px  
4px 4px #5A755B; box-shadow:4px 4px 4px  
4px #5A755B }
```

# Background

The CSS property to change the background color of an element to Hex 5A755B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A755B }
```

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

```
.background{ background-color:#5A755B }
```

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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