

Converting Colors

Hex(5A745B)

Have a look what the booklet for
Hex(5A745B) contains.

Hex(5A745B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5A745B)

Conversions

Conversions Part 1

Format	Color
Hex	5A745B
RGB	90, 116, 91
RGB Percent	35%, 45%, 36%
CMY	0.6471, 0.5451, 0.6431
CMYK	0.22, 0.00, 0.22, 0.55
HSL	122°, 13%, 40%
HSV	122°, 22%, 45%
XYZ	12.3502, 15.4198, 12.2229
YIQ	105.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

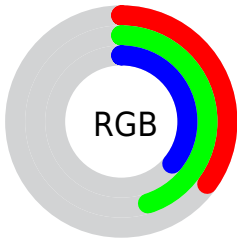
Format	Color
R_{YB}	90, 115, 116
Decimal	5928027
CIE Lab	46.20, -14.87, 10.77
CIE LCh	46, 18.360, 144.090
Yxy	15.4198, 0.3088, 0.3856
Android (android.graphics.Color)	4284118107 (0xFF5A745B)
YUV	105.3760, -7.0874, -13.4848
Hunter-Lab	39.2680, -12.5791, 9.0325

Details

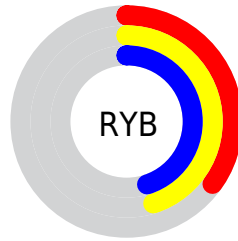
The Hex color **5A745B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **745A73**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **8DA88D**, and **2B442D** is the 20% darker color. If you saturate the color by 10%, you get **4E7450**, and if you desaturate by 10%, it is **667466**.

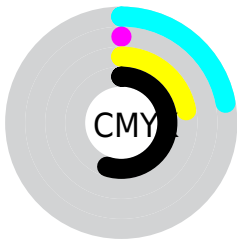
Distribution



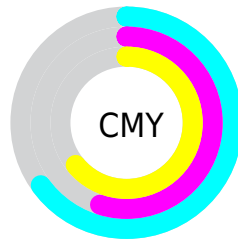
- Red (35%)
- Green (45%)
- Blue (36%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (55%)



- Cyan (65%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A745B 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 5A745B by changing the saturation by 10% instead.

■ 5A745B

■ 5A745B

FFFFFF

■ 425B43

■ 8DA88D

■ 2B442D

■ A7C3A8

■ 162D18

■ C2DFC3

■ 001A00

■ DEFCDF

■ 000000

■ FBFFFB

■ 5A745B

■ 5A745B

■ 4E7450

■ 667466

■ 437445

■ 717471

■ 37743A

■ 7D747C

■ 2C742E

■ 887488

■ 207423

■ 947493

■ 147418

■ A0749E

■ 09740D

■ AB74A9

■ 007404

■ B774B4

■ C274BF

Harmonies

Analogous

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



6C7051



5A745B



4A766A

Triad

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



5A745B



56708C



8D6362

Complementary

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



5A745B



745A73

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.



8A6371



5A745B



6C6B89

Square

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



5A745B



457486



7E6680



876655

Rectangle

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



5A745B



427674



7E6680



8D6267

Sweetspot

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



5A745B



8C968C



73745A



464D47



CCCCCC



4D4D4D

Same Dimension

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



5A745B



6E966F



5A7468



353B35



007A05



00FA0A

Inverse Universe

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



745A73



966E95



745A66



3B353A



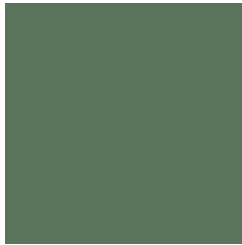
7A0076



FA00F0

Previews

White Background



This preview shows how the Hex color 5A745B looks on a white background.

Color Contrast Check

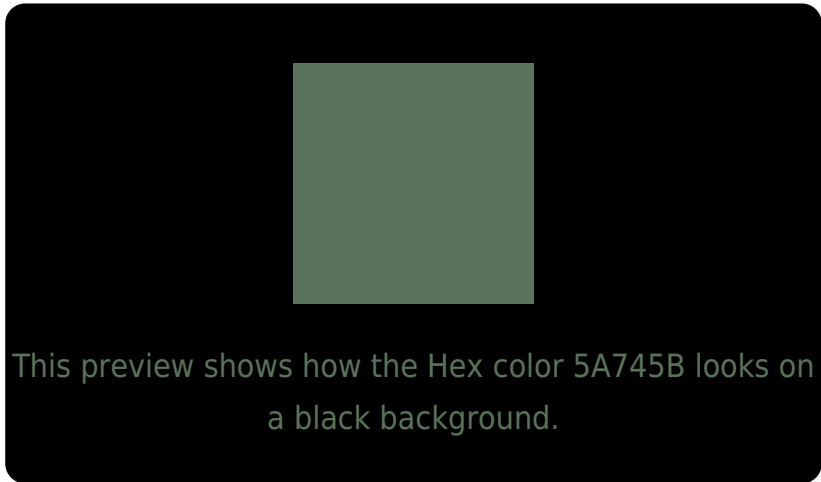
Large Text (above 18pt) WCAG AA ✓ Pass

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

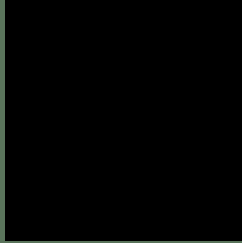
Any Text WCAG AA × Fail

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 5A745B Background



This preview shows how black text looks on a background with the Hex color 5A745B.



This preview shows how white text looks on a background with the Hex color 5A745B.

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
5A745B

Protanopia
746D58

Deuteranopia
7D695D



Tritanopia
5F7079

Trichromacy



Original Color
5A745B

Protanomaly
6B7059

Deuteranomaly
706D5C

Tritanomaly
5D716E

Monochromacy



Original Color
5A745B

Achromatopsia
696969

Achromatomaly
646D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A745B 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 #5A745B looks like.

```
.text, #text, p{  
    color:#5A745B  
}
```

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 #5A745B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A745B
}
```

Border

The CSS property to change the border of an element to Hex 5A745B 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
#5A745B }
```

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

```
.border{ border-color:#5A745B }
```

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

Here you see how a box with a 4 pixel #5A745B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A745B; -webkit-box-shadow:4px 4px  
4px 4px #5A745B; box-shadow:4px 4px 4px  
4px #5A745B }
```

Background

The CSS property to change the background color of an element to Hex 5A745B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A745B }
```

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

```
.background{ background-color:#5A745B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor