

# Converting Colors

Hex(5C7A65)

Have a look what the booklet for  
Hex(5C7A65) contains.

<b>Hex(5C7A65)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(5C7A65)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C7A65
RGB	92, 122, 101
RGB Percent	36%, 48%, 40%
CMY	0.6392, 0.5216, 0.6039
CMYK	0.25, 0.00, 0.17, 0.52
HSL	138°, 14%, 42%
HSV	138°, 25%, 48%
XYZ	13.7221, 17.1340, 14.8959
YIQ	110.6360, -11.1390, -12.8910

# Conversions

## Conversions Part 2

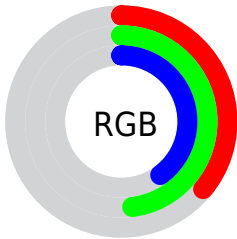
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 115, 122
Decimal	6060645
CIELab	48.43, -15.41, 8.03
CIELCh	48, 17.375, 152.477
Yxy	17.1340, 0.2999, 0.3745
Android (android.graphics.Color)	4284250725 (0xFF5C7A65)
YUV	110.6360, -4.7505, -16.3438
Hunter-Lab	41.3932, -13.2641, 7.6390

# Details

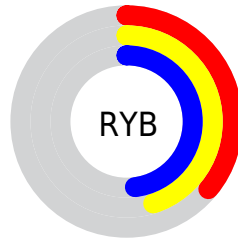
The Hex color **5C7A65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7A5C71**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8FAF98**, and **2D4936** is the 20% darker color. If you saturate the color by 10%, you get **507A5C**, and if you desaturate by 10%, it is **687A6E**.

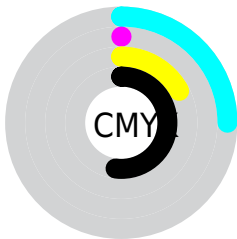
# Distribution



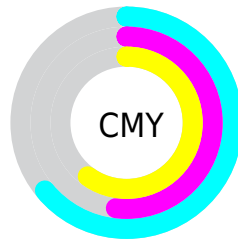
- Red (36%)
- Green (48%)
- Blue (40%)



- Red (36%)
- Yellow (45%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (17%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7A65 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 5C7A65 by changing the saturation by 10% instead.



 5C7A65

 5C7A65

FFFFFF

 44614D

 8FAF98

 2D4936

 A9CAB3

 173221

 C5E6CE

 001E0A

 E1FFE8

 000000

FEFFFF

 5C7A65

 5C7A65

 507A5C

 687A6E

 447A54

 747A76

■ 377A4B

■ 817A7F

■ 2B7A43

■ 8D7A87

■ 1F7A3A

■ 997A90

■ 137A32

■ A57A98

■ 077A29

■ B17AA1

■ 007A25

■ BE7AA9

■ CA7AB2

# Harmonies

## Analogous

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



6D775A



5C7A65



4E7B74

# Triad

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



5C7A65



637490



906A64

# Complementary

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



5C7A65



7A5C71

# 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.



906872



5C7A65



776F8C

# Square

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



5C7A65



51788D



876A81



896E59

# Rectangle

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



5C7A65



497B7E



876A81



916968



# Sweetspot

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



5C7A65



939E96



717A5C



494F4B



CFCFCF



4F4F4F



# Same Dimension

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



5C7A65



6F9E7D



5C7A74



373D39



007D25



00FC4C



# Inverse Universe

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



7A5C71



9E6F90



7A5C62



3D373B



7D0057



FC00B1



# Previews

## White Background



This preview shows how the Hex color 5C7A65 looks on a white background.

## Color Contrast Check

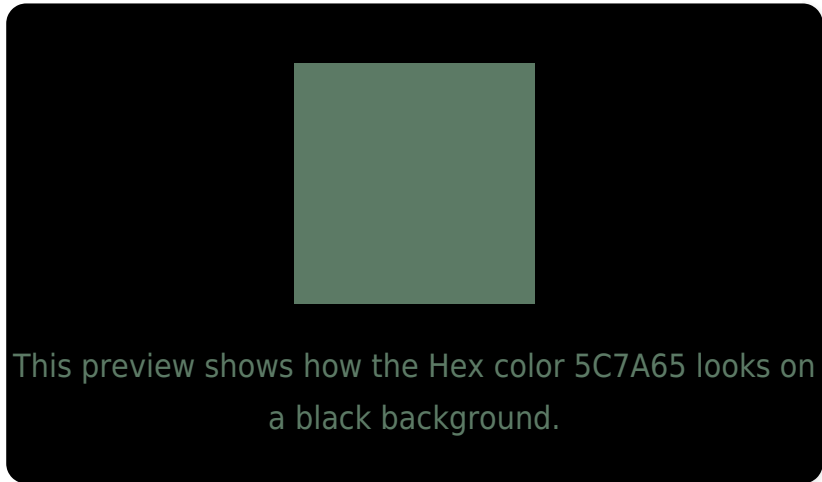
Large Text (above 18pt) WCAG AA ✓ Pass

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

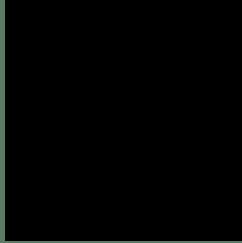
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C7A65 Background



This preview shows how black text looks on a background with the Hex color 5C7A65.



This preview shows how white text looks on a background with the Hex color 5C7A65.

# 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**  
5C7A65

**Protanopia**  
797261

**Deuteranopia**  
826F67



**Tritanopia**  
617680

# Trichromacy



**Original Color**  
5C7A65

**Protanomaly**  
6E7562

**Deuteranomaly**  
747366

**Tritanomaly**  
5F7776

# Monochromacy



**Original Color**  
5C7A65

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
68736B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7A65 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 #5C7A65 looks like.

```
.text, #text, p{  
    color:#5C7A65  
}
```

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 #5C7A65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7A65
}
```

## Border

The CSS property to change the border of an element to Hex 5C7A65 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
#5C7A65 }
```

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

```
.border{ border-color:#5C7A65 }
```

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

Here you see how a box with a 4 pixel #5C7A65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7A65; -webkit-box-shadow:4px 4px  
4px 4px #5C7A65; box-shadow:4px 4px 4px  
4px #5C7A65 }
```

# Background

The CSS property to change the background color of an element to Hex 5C7A65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7A65 }
```

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

```
.background{ background-color:#5C7A65 }
```

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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