

# Converting Colors

Hex(5C7563)

Have a look what the booklet for  
Hex(5C7563) contains.

<b>Hex(5C7563)</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(5C7563)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C7563
RGB	92, 117, 99
RGB Percent	36%, 46%, 39%
CMY	0.6392, 0.5412, 0.6118
CMYK	0.21, 0.00, 0.15, 0.54
HSL	137°, 12%, 41%
HSV	137°, 21%, 46%
XYZ	13.0271, 15.8987, 14.1865
YIQ	107.4730, -9.1220, -10.8980

# Conversions

## Conversions Part 2

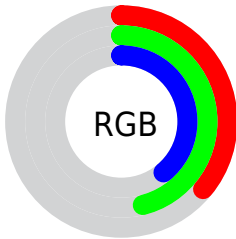
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 112, 117
Decimal	6059363
CIE Lab	46.84, -13.07, 6.96
CIE LCh	47, 14.809, 151.987
Yxy	15.8987, 0.3022, 0.3688
Android (android.graphics.Color)	4284249443 (0xFF5C7563)
YUV	107.4730, -4.1772, -13.5698
Hunter-Lab	39.8732, -11.4601, 6.8164

# Details

The Hex color **5C7563** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755C6E**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **8FA996**, and **2D4534** is the 20% darker color. If you saturate the color by 10%, you get **50755B**, and if you desaturate by 10%, it is **68756B**.

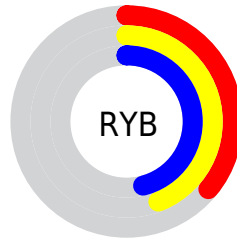
# Distribution



Red (36%)

Green (46%)

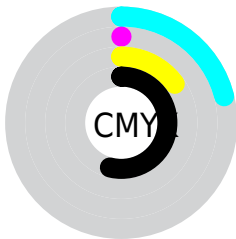
Blue (39%)



Red (36%)

Yellow (44%)

Blue (46%)

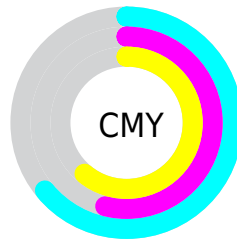


Cyan (21%)

Magenta (0%)

Yellow (15%)

Black (54%)



Cyan (64%)

Magenta (54%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7563 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 5C7563 by changing the saturation by 10% instead.



■ 5C7563

■ 5C7563

FFFFFF

■ 445C4B

■ 8FA996

■ 2D4534

■ A9C4B0

■ 182E1F

■ C5E0CC

■ 001A07

■ E1FDE8

■ 000000

■ FDFFFF

■ 5C7563

■ 5C7563

■ 50755B

■ 68756B

■ 457552

■ 737574

 39754A

 7F757C

 2D7541

 8B7585

 227539

 97758D

 167530

 A27596

 0A7528

 AE759E

 007521

 BA75A6

 C575AF

# Harmonies

## Analogous

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



6A725A



5C7563



51766F

# Triad

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



5C7563



627088



886762

# Complementary

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



5C7563



755C6E

# 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.



88666F



5C7563



726C84

# Square

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



5C7563



537385



80687B



836A59

# Rectangle

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



5C7563



4D7678



80687B



896766



# Sweetspot

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



5C7563



909992



6E755C



474D49



CCCCCC



4D4D4D



# Same Dimension

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



5C7563



71997C



5C756F



353B36



007A22



00FA46



# Inverse Universe

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



755C6E



99718E



755C62



3B3539



7A0058



FA00B4



# Previews

## White Background



This preview shows how the Hex color 5C7563 looks on a white background.

## Color Contrast Check

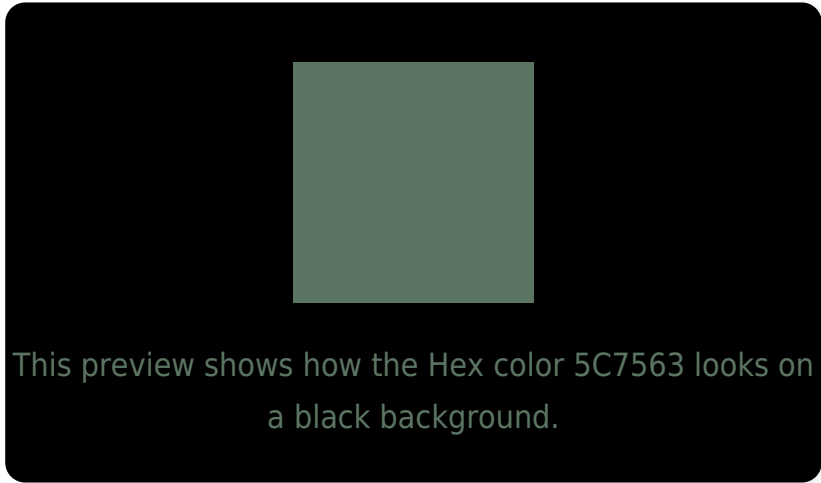
Large Text (above 18pt) WCAG AA ✓ Pass

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

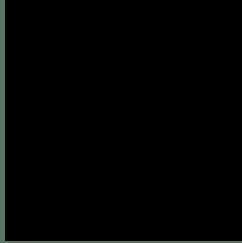
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C7563 Background



This preview shows how black text looks on a background with the Hex color 5C7563.

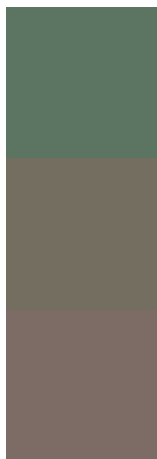


This preview shows how white text looks on a background with the Hex color 5C7563.

# 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**  
5C7563

**Protanopia**  
746E60

**Deuteranopia**  
7D6B65



**Tritanopia**  
60727B

# Trichromacy



**Original Color**  
5C7563

**Protanomaly**  
6B7161

**Deuteranomaly**  
716F64

**Tritanomaly**  
5F7372

# Monochromacy



**Original Color**  
5C7563

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
666F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7563 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 #5C7563 looks like.

```
.text, #text, p{  
    color:#5C7563  
}
```

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 #5C7563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7563
}
```

## Border

The CSS property to change the border of an element to Hex 5C7563 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
#5C7563 }
```

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

```
.border{ border-color:#5C7563 }
```

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

Here you see how a box with a 4 pixel #5C7563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7563; -webkit-box-shadow:4px 4px  
4px 4px #5C7563; box-shadow:4px 4px 4px  
4px #5C7563 }
```

# Background

The CSS property to change the background color of an element to Hex 5C7563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7563 }
```

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

```
.background{ background-color:#5C7563 }
```

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