

# Converting Colors

Hex(5C7960)

Have a look what the booklet for  
Hex(5C7960) contains.

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# Color

Hex(5C7960)

# Conversions

## Conversions Part 1

Format	Color
Hex	5C7960
RGB	92, 121, 96
RGB Percent	36%, 47%, 38%
CMY	0.6392, 0.5255, 0.6235
CMYK	0.24, 0.00, 0.21, 0.53
HSL	128°, 14%, 42%
HSV	128°, 24%, 47%
XYZ	13.3623, 16.7946, 13.6037
YIQ	109.4790, -9.2590, -13.9230

# Conversions

## Conversions Part 2

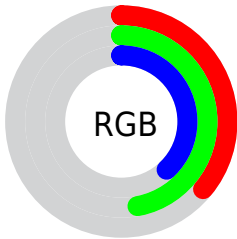
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 117, 121
Decimal	6060384
CIE Lab	48.00, -15.88, 10.36
CIE LCh	48, 18.958, 146.870
Yxy	16.7946, 0.3054, 0.3838
Android (android.graphics.Color)	4284250464 (0xFF5C7960)
YUV	109.4790, -6.6451, -15.3291
Hunter-Lab	40.9812, -13.5154, 9.0055

# Details

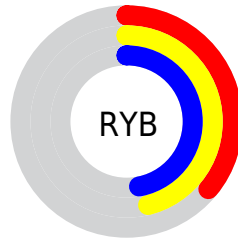
The Hex color **5C7960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **795C75**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8FAD93**, and **2D4832** is the 20% darker color. If you saturate the color by 10%, you get **507956**, and if you desaturate by 10%, it is **68796A**.

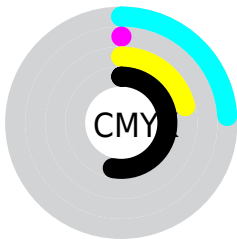
# Distribution



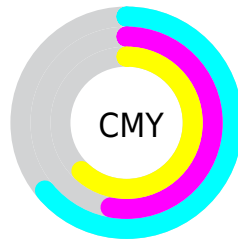
- Red (36%)
- Green (47%)
- Blue (38%)



- Red (36%)
- Yellow (46%)
- Blue (47%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C7960 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 5C7960 by changing the saturation by 10% instead.





5C7960



5C7960

FFFFFF



446048



8FAD93



2D4832



A9C9AD



17321D



C5E5C9



001D03



E1FFE5



000000

FEFFFF



5C7960



5C7960



507956



68796A



44794B



747975

■ 387941

■ 80797F

■ 2C7936

■ 8C798A

■ 1F792C

■ 997994

■ 137921

■ A5799F

■ 077917

■ B179A9

■ 007911

■ BD79B3

■ C979BE

# Harmonies

## Analogous

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



6E7555



5C7960



4B7B70

# Triad

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



5C7960



5C7492



926764

# Complementary

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



5C7960



795C75

# 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.



906674



5C7960



726E8E

# Square

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



5C7960



49788C



856984



8C6B58

# Rectangle

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



5C7960



447B7B



856984



936769



# Sweetspot

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



5C7960



939E95



75795C



494F4A



CFCFCF



4F4F4F



# Same Dimension

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



5C7960



709E77



5C796E



373D38



007D11



00FC23



# Inverse Universe

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



795C75



9E7098



795C67



3D373C



7D006C



FC00DA



# Previews

## White Background



This preview shows how the Hex color 5C7960 looks on a white background.

## Color Contrast Check

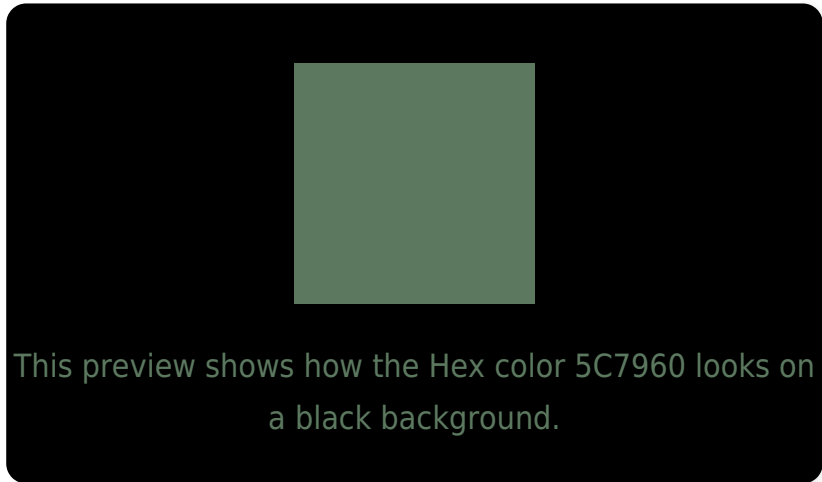
Large Text (above 18pt) WCAG AA ✓ Pass

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

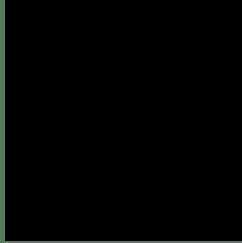
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C7960 Background



This preview shows how black text looks on a background with the Hex color 5C7960.



This preview shows how white text looks on a background with the Hex color 5C7960.

# 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**  
5C7960

**Protanopia**  
78715C

**Deuteranopia**  
826D62



**Tritanopia**  
61757E

# Trichromacy



**Original Color**  
5C7960

**Protanomaly**  
6E745D

**Deuteranomaly**  
747161

**Tritanomaly**  
5F7673

# Monochromacy



**Original Color**  
5C7960

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
677168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C7960 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 #5C7960 looks like.

```
.text, #text, p{  
    color:#5C7960  
}
```

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 #5C7960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7960
}
```

## Border

The CSS property to change the border of an element to Hex 5C7960 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
#5C7960 }
```

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

```
.border{ border-color:#5C7960 }
```

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

Here you see how a box with a 4 pixel #5C7960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7960; -webkit-box-shadow:4px 4px  
4px 4px #5C7960; box-shadow:4px 4px 4px  
4px #5C7960 }
```

# Background

The CSS property to change the background color of an element to Hex 5C7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7960 }
```

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

```
.background{ background-color:#5C7960 }
```

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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