

# Converting Colors

Hex(217C5C)

Have a look what the booklet for  
Hex(217C5C) contains.

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# Color

Hex(217C5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	217C5C
RGB	33, 124, 92
RGB Percent	13%, 49%, 36%
CMY	0.8706, 0.5137, 0.6392
CMYK	0.73, 0.00, 0.26, 0.51
HSL	159°, 58%, 31%
HSV	159°, 73%, 49%
XYZ	9.7666, 15.5113, 12.6044
YIQ	93.1430, -43.9640, -29.2440

# Conversions

## Conversions Part 2

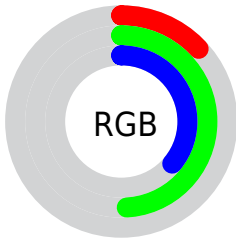
Format	Color
<b>RYB</b>	33, 88, 124
Decimal	2194524
CIELab	46.33, -34.46, 9.99
CIELCh	46, 35.876, 163.837
Yxy	15.5113, 0.2578, 0.4095
Android (android.graphics.Color)	4280384604 (0xFF217C5C)
YUV	93.1430, -0.5635, -52.7454
Hunter-Lab	39.3844, -24.6581, 8.5942

# Details

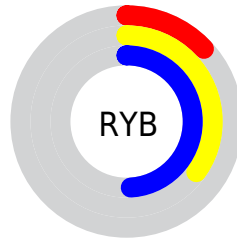
The Hex color **217C5C** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **7C2141**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5BB18E**, and **004A2E** is the 20% darker color. If you saturate the color by 10%, you get **157C58**, and if you desaturate by 10%, it is **2D7C60**.

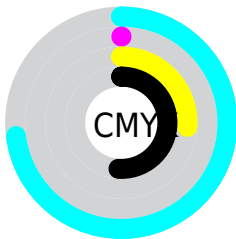
# Distribution



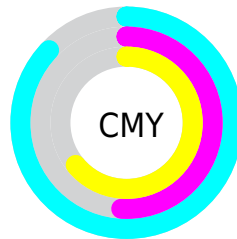
- Red (13%)
- Green (49%)
- Blue (36%)



- Red (13%)
- Yellow (35%)
- Blue (49%)



- Cyan (73%)
- Magenta (0%)
- Yellow (26%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 217C5C 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 217C5C by changing the saturation by 10% instead.



 217C5C

 217C5C

FFFFFF

 006344

 5BB18E

 004A2E

 77CDA9

 003319

 92E9C4

 001E00

 AEFFE0


 000000

 CBFFFD

 E8FFFF

 217C5C

 217C5C

 157C58

 2D7C60

■ 087C53

■ 3A7C65

■ 007C50

■ 467C69

■ 537C6D

■ 5F7C72

■ 6B7C76

■ 787C7B

■ 847C7F

■ 917C83

# Harmonies

## Analogous

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



517841



217C5C



007D7B

# Triad

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



217C5C



556CA8



A05C45

# Complementary

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



217C5C



7C2141

# 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.



A75561



217C5C



826099

# Square

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



217C5C



0076A7



9D577F



8D6633

# Rectangle

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



217C5C



007C8E



9D577F



A4594E



# Sweetspot

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



217C5C



7DA194



427C21



3C524A



D1D1D1



525252



# Same Dimension

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



217C5C



13A16F



21707C



373D3B



007D51



00FCA4



# Inverse Universe

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



7C2141



A11345



7C2D21



3D3739



7D002C



FC0059



# Previews

## White Background



This preview shows how the Hex color 217C5C looks on a white background.

## Color Contrast Check

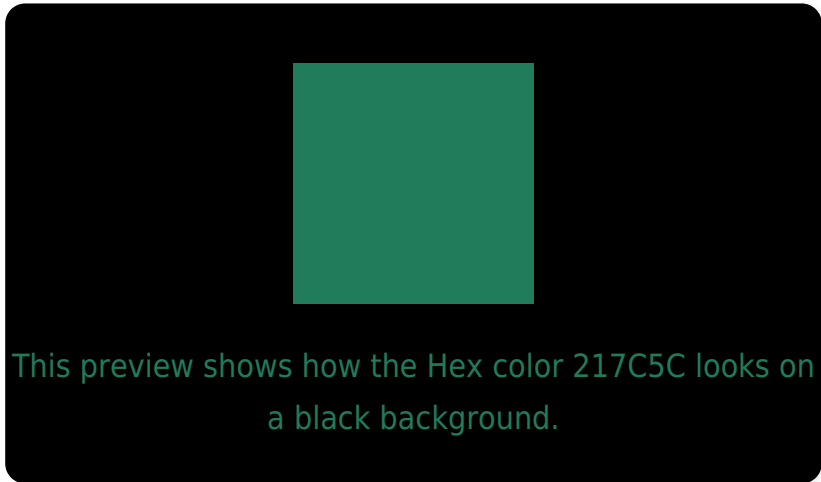
Large Text (above 18pt) WCAG AA ✓ Pass

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

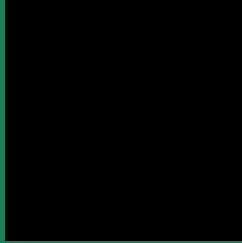
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 217C5C Background



This preview shows how black text looks on a background with the Hex color 217C5C.



This preview shows how white text looks on a background with the Hex color 217C5C.

# 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**  
217C5C

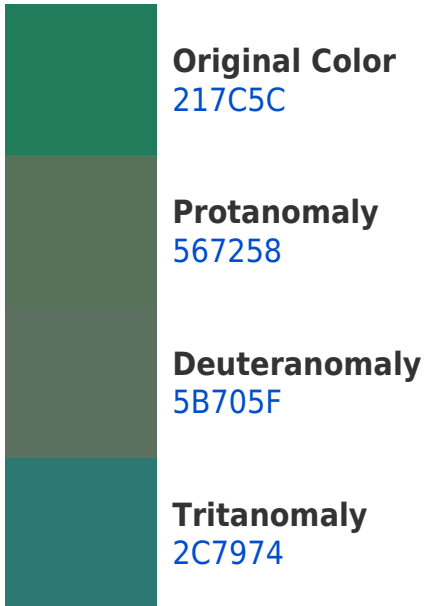
**Protanopia**  
746D55

**Deuteranopia**  
7C6960

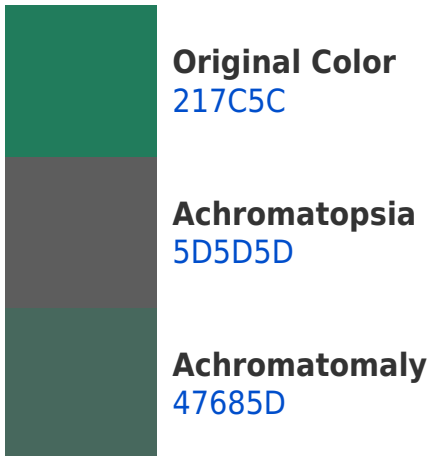


**Tritanopia**  
327781

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 217C5C 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 #217C5C looks like.

```
.text, #text, p{  
    color:#217C5C  
}
```

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 #217C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217C5C
}
```

## Border

The CSS property to change the border of an element to Hex 217C5C 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
#217C5C }
```

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

```
.border{ border-color:#217C5C }
```

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

Here you see how a box with a 4 pixel #217C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217C5C; -webkit-box-shadow:4px 4px  
4px 4px #217C5C; box-shadow:4px 4px 4px  
4px #217C5C }
```

# Background

The CSS property to change the background color of an element to Hex 217C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217C5C }
```

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

```
.background{ background-color:#217C5C }
```

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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