

Converting Colors

Hex(217C63)

Have a look what the booklet for
Hex(217C63) contains.

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Color

Hex(217C63)

Conversions

Conversions Part 1

Format	Color
Hex	217C63
RGB	33, 124, 99
RGB Percent	13%, 49%, 39%
CMY	0.8706, 0.5137, 0.6118
CMYK	0.73, 0.00, 0.20, 0.51
HSL	164°, 58%, 31%
HSV	164°, 73%, 49%
XYZ	10.0870, 15.6395, 14.2915
YIQ	93.9410, -46.2110, -27.0670

Conversions

Conversions Part 2

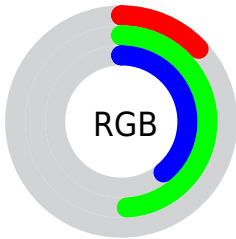
Format	Color
RYB	33, 86, 124
Decimal	2194531
CIELab	46.50, -32.66, 6.11
CIElCh	46, 33.230, 169.398
Yxy	15.6395, 0.2521, 0.3908
Android (android.graphics.Color)	4280384611 (0xFF217C63)
YUV	93.9410, 2.4941, -53.4453
Hunter-Lab	39.5468, -23.6779, 6.2565

Details

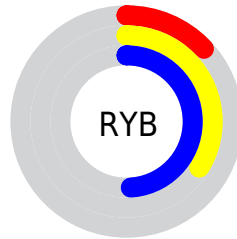
The Hex color **217C63** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C213A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **5BB196**, and **004A35** is the 20% darker color. If you saturate the color by 10%, you get **157C60**, and if you desaturate by 10%, it is **2D7C66**.

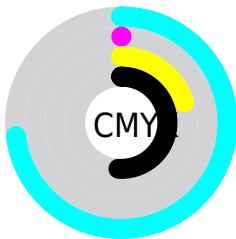
Distribution



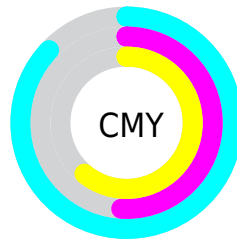
- Red (13%)
- Green (49%)
- Blue (39%)



- Red (13%)
- Yellow (34%)
- Blue (49%)



- Cyan (73%)
- Magenta (0%)
- Yellow (20%)
- Black (51%)



- Cyan (87%)
- Magenta (51%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217C63 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 217C63 by changing the saturation by 10% instead.

 217C63

 217C63

FFFFFF

 00634B

 5BB196

 004A35

 77CDB0

 00331F

 93E9CC

 001F08

 AFFFE8


 000000

 CBFFFF

 E8FFFF

 217C63

 217C63

 157C60

 2D7C66

087C5C

3A7C6A

007C5A

467C6D

537C71

5F7C74

6B7C77

787C7B

847C7E

917C82

Harmonies

Analogous

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



4D7949



217C63



007D80

Triad

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



217C63



616BA3



9B5F45

Complementary

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



217C63



7C213A

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.



A3585D



217C63



876093

Square

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



217C63



2874A5



9D5879



886937

Rectangle

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



217C63



007B91



9D5879



9F5C4C

Sweetspot

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



217C63



7DA197



3B7C21



3C524C



D1D1D1



525252

Same Dimension

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



217C63



13A17A



21687C



373D3C



007D5B



00FCB7

Inverse Universe

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



7C213A



A1133A



7C3521



3D3739



7D0022



FC0045

Previews

White Background



This preview shows how the Hex color 217C63 looks on a white background.

Color Contrast Check

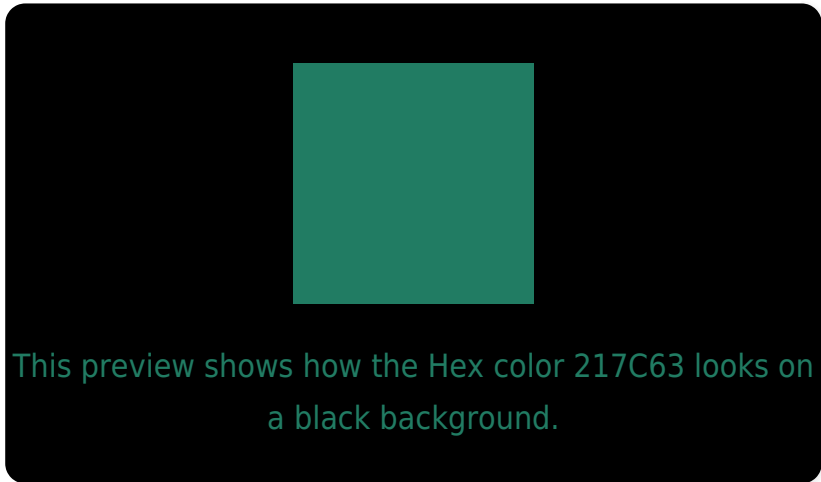
Large Text (above 18pt) WCAG AA ✓ Pass

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

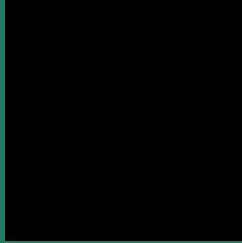
Any Text WCAG AA × Fail

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 217C63 Background



This preview shows how black text looks on a background with the Hex color 217C63.

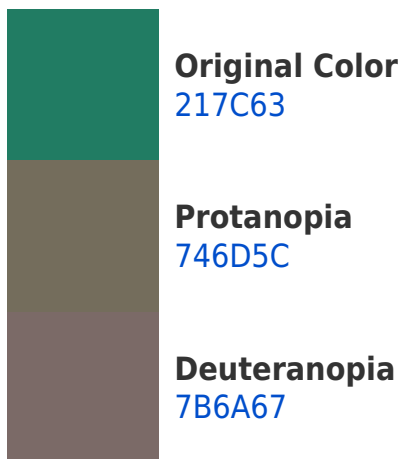


This preview shows how white text looks on a background with the Hex color 217C63.

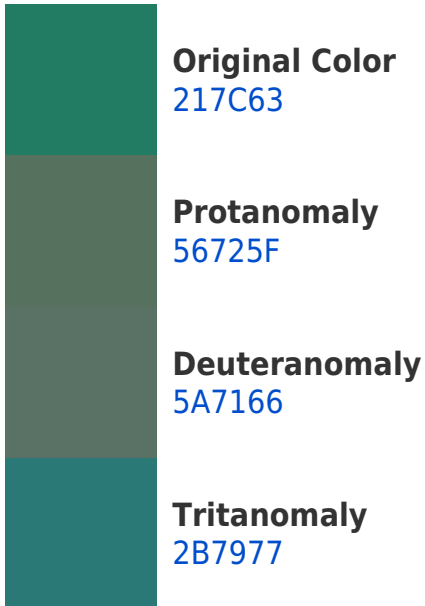
Color Blindness Simulation

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](#).

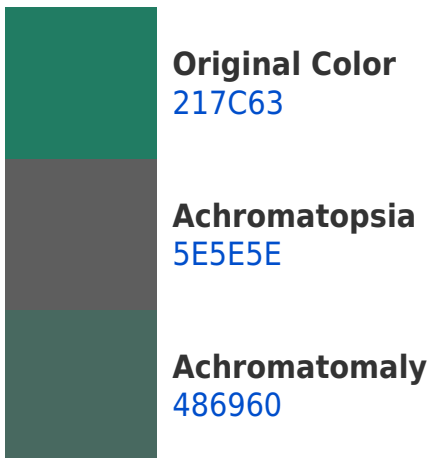
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 217C63 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 #217C63 looks like.

```
.text, #text, p{  
    color:#217C63  
}
```

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 #217C63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217C63  
}
```

Border

The CSS property to change the border of an element to Hex 217C63 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  
#217C63 }
```

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

```
.border{ border-color:#217C63 }
```

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

Here you see how a box with a 4 pixel #217C63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217C63; -webkit-box-shadow:4px 4px  
4px 4px #217C63; box-shadow:4px 4px 4px  
4px #217C63 }
```

Background

The CSS property to change the background color of an element to Hex 217C63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217C63 }
```

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

```
.background{ background-color:#217C63 }
```

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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