

Converting Colors

Hex(217964)

Have a look what the booklet for
Hex(217964) contains.

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Color

Hex(217964)

Conversions

Conversions Part 1

Format	Color
Hex	217964
RGB	33, 121, 100
RGB Percent	13%, 47%, 39%
CMY	0.8706, 0.5255, 0.6078
CMYK	0.73, 0.00, 0.17, 0.53
HSL	166°, 57%, 30%
HSV	166°, 73%, 47%
XYZ	9.7648, 14.9182, 14.4214
YIQ	92.2940, -45.7070, -25.1870

Conversions

Conversions Part 2

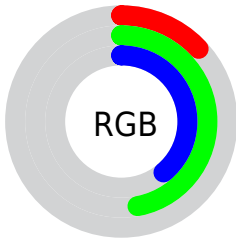
Format	Color
R_{YB}	33, 83, 121
Decimal	2193764
CIE _{Lab}	45.52, -31.00, 4.12
CIE _{LCh}	46, 31.276, 172.423
Yxy	14.9182, 0.2497, 0.3815
Android (android.graphics.Color)	4280383844 (0xFF217964)
YUV	92.2940, 3.7991, -52.0008
Hunter-Lab	38.6241, -22.4642, 4.8992

Details

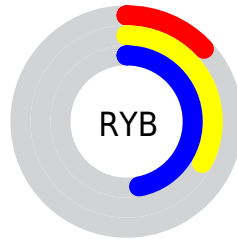
The Hex color **217964** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792136**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5BAE97**, and **004735** is the 20% darker color. If you saturate the color by 10%, you get **157961**, and if you desaturate by 10%, it is **2D7967**.

Distribution



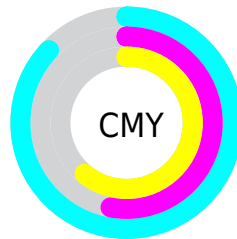
- Red (13%)
- Green (47%)
- Blue (39%)



- Red (13%)
- Yellow (33%)
- Blue (47%)



- Cyan (73%)
- Magenta (0%)
- Yellow (17%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217964 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 217964 by changing the saturation by 10% instead.

 217964

 217964

FFFFFF

 00604C

 5BAE97

 004735

 76CAB1

 003020

 92E6CD

 001C09

 AEF FE9

 000000

 CAFFFF

 E7FFFF

 217964

 217964

 157961

 2D7967

09795E

39796A

00795C

45796D

517970

5D7972

6A7975

767978

82797B

8E797E

Harmonies

Analogous

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



4A764B



217964



00797F

Triad

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



217964



64679C



955F43

Complementary

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



217964



792136

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.



9E5859



217964



865E8C

Square

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



217964



34709F



995774



826837

Rectangle

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



217964



00788E



995774



995C4A

Sweetspot

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



217964



7B9E96



377921



3A4F4A



CFCFCF



4F4F4F

Same Dimension

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



217964



159E7D



216379



373D3C



007D5F



00FCC0

Inverse Universe

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



792136



9E1535



793721



3D3739



7D001E



FC003C

Previews

White Background



This preview shows how the Hex color 217964 looks on a white background.

Color Contrast Check

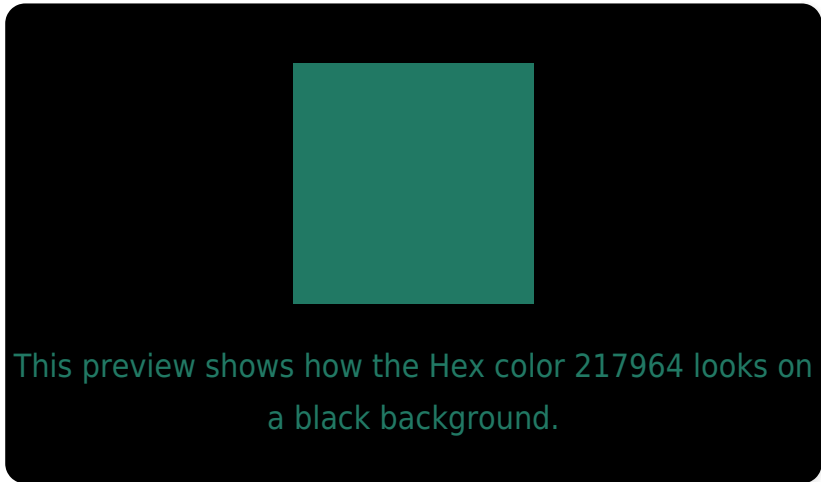
Large Text (above 18pt) WCAG AA ✓ Pass

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

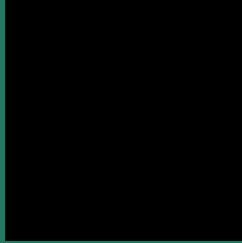
Any Text WCAG AA × Fail

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 217964 Background



This preview shows how black text looks on a background with the Hex color 217964.

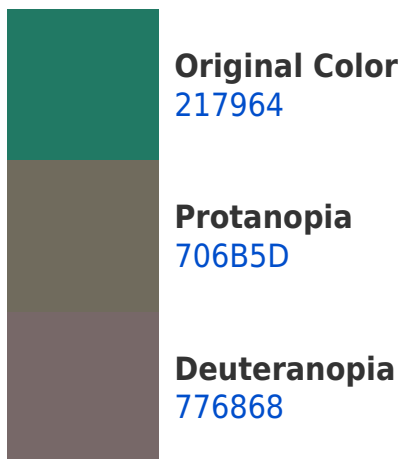



This preview shows how white text looks on a background with the Hex color 217964.

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





Tritanopia
2F757F

Trichromacy



Original Color
217964

Protanomaly
537060

Deuteranomaly
586E67

Tritanomaly
2A7675

Monochromacy



Original Color
217964

Achromatopsia
5C5C5C

Achromatomaly
47675F

CSS Examples

Text

The CSS property to change the color of the text to Hex 217964 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 #217964 looks like.

```
.text, #text, p{  
    color:#217964  
}
```

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 #217964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217964
}
```

Border

The CSS property to change the border of an element to Hex 217964 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
#217964 }
```

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

```
.border{ border-color:#217964 }
```

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

Here you see how a box with a 4 pixel #217964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217964; -webkit-box-shadow:4px 4px  
4px 4px #217964; box-shadow:4px 4px 4px  
4px #217964 }
```

Background

The CSS property to change the background color of an element to Hex 217964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217964 }
```

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

```
.background{ background-color:#217964 }
```

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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