

# Converting Colors

Hex(217076)

Have a look what the booklet for  
Hex(217076) contains.

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# Color

Hex(217076)

# Conversions

## Conversions Part 1

Format	Color
Hex	217076
RGB	33, 112, 118
RGB Percent	13%, 44%, 46%
CMY	0.8706, 0.5608, 0.5373
CMYK	0.72, 0.05, 0.00, 0.54
HSL	184°, 56%, 30%
HSV	184°, 72%, 46%
XYZ	9.6914, 13.2197, 19.1804
YIQ	89.0630, -49.0100, -14.8820

# Conversions

## Conversions Part 2

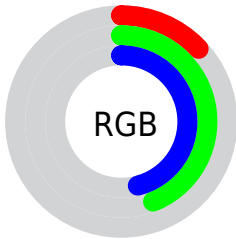
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 74, 118
Decimal	2191478
CIELab	43.09, -21.12, -10.23
CIELCh	43, 23.467, 205.848
Yxy	13.2197, 0.2302, 0.3141
Android (android.graphics.Color)	4280381558 (0xFF217076)
YUV	89.0630, 14.2659, -49.1673
Hunter-Lab	36.3589, -16.0492, -5.8260




# Details

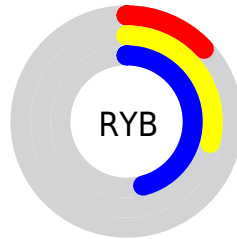
The Hex color **217076** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **762721**, and the grayscale version is **595959**.




A 20% lighter version of the original color is **5BA4AA**, and **004046** is the 20% darker color. If you saturate the color by 10%, you get **156F76**, and if you desaturate by 10%, it is **2D7176**.

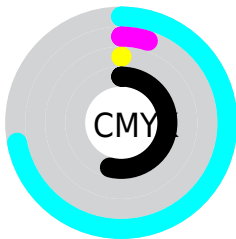
# Distribution







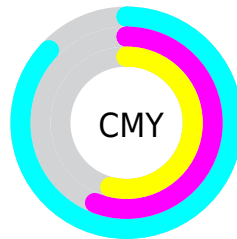
-  Red (13%)
-  Green (44%)
-  Blue (46%)






-  Red (13%)
-  Yellow (29%)
-  Blue (46%)



-  Cyan (72%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (56%)
-  Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 217076 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 217076 by changing the saturation by 10% instead.



■ 217076

■ 217076

FFFFFF

■ 00575D

■ 5BA4AA

■ 004046

■ 76BFC5

■ 00292F

■ 92DBE1

■ 00141B

■ AEF8FE

■ 000000

■ CBFFFF

■ E8FFFF

■ 217076

■ 217076

■ 156F76

■ 2D7176

■ 096E76

■ 397276

■ 006E76

■ 447276

■ 507376

■ 5C7476

■ 687576

■ 747676

■ 7F7776

■ 8B7776

# Harmonies

## Analogous

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



337062



217076



2A6D85

# Triad

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



217076



7C5B7C



75643F

# Complementary

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



217076



762721

# 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.



845D46



217076



895769

# Square

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



217076



646289



8C5856



626A42

# Rectangle

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



217076



3C6A8B



8C5856



7B6140



# Sweetspot

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



217076



779799



217627



394B4D



CCCCCC



4D4D4D



# Same Dimension

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



217076



159099



214676



353A3B



00727A



00E8FA



# Inverse Universe

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



762170



991590



765121



3B353A



7A0072

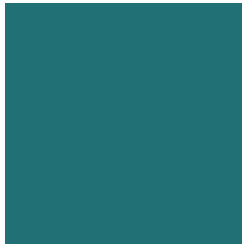


FA00E8



# Previews

## White Background



This preview shows how the Hex color 217076 looks on a white background.

## Color Contrast Check

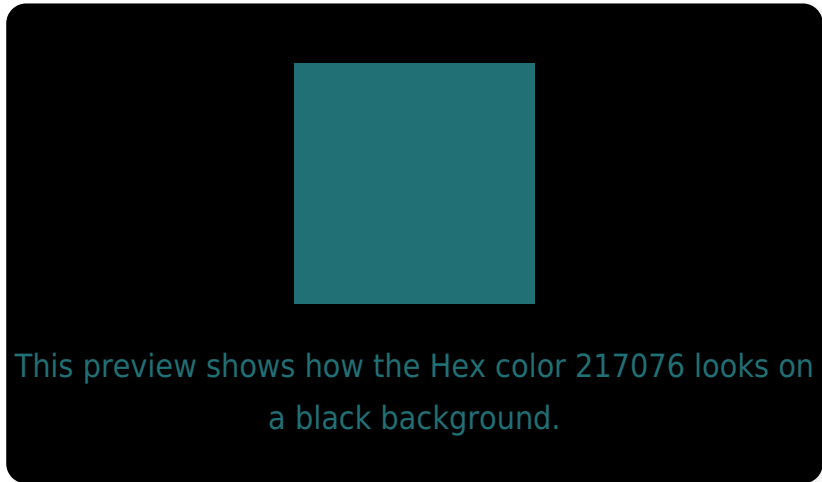
Large Text (above 18pt) WCAG AA ✓ Pass

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

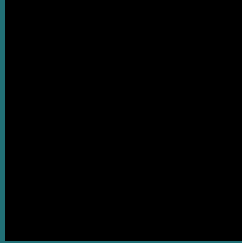
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 217076 Background



This preview shows how black text looks on a background with the Hex color 217076.

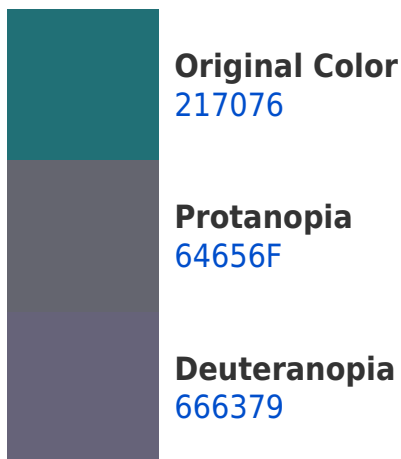


This preview shows how white text looks on a background with the Hex color 217076.

# Color Blindness Simulation

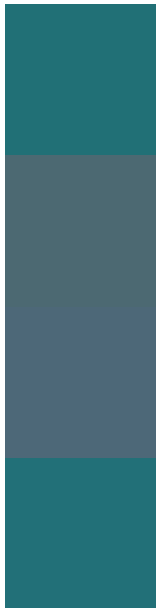
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
217076

**Protanomaly**  
4C6972

**Deuteranomaly**  
4D6878

**Tritanomaly**  
227078

# Monochromacy



**Original Color**  
217076

**Achromatopsia**  
595959

**Achromatomaly**  
456164

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 217076 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 #217076 looks like.

```
.text, #text, p{  
    color:#217076  
}
```

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 #217076 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217076  
}
```

## Border

The CSS property to change the border of an element to Hex 217076 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  
#217076 }
```

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

```
.border{ border-color:#217076 }
```

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

Here you see how a box with a 4 pixel #217076 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217076; -webkit-box-shadow:4px 4px  
4px 4px #217076; box-shadow:4px 4px 4px  
4px #217076 }
```

# Background

The CSS property to change the background color of an element to Hex 217076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217076 }
```

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

```
.background{ background-color:#217076 }
```

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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