

Converting Colors

Hex(217477)

Have a look what the booklet for
Hex(217477) contains.

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Color

Hex(217477)

Conversions

Conversions Part 1

Format	Color
Hex	217477
RGB	33, 116, 119
RGB Percent	13%, 45%, 47%
CMY	0.8706, 0.5451, 0.5333
CMYK	0.72, 0.03, 0.00, 0.53
HSL	182°, 57%, 30%
HSV	182°, 72%, 47%
XYZ	10.2024, 14.1460, 19.6455
YIQ	91.5250, -50.4310, -16.6630

Conversions

Conversions Part 2

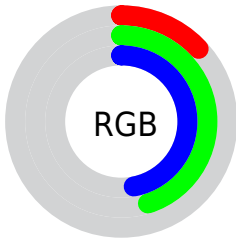
Format	Color
RYB	33, 75, 119
Decimal	2192503
CIELab	44.44, -22.90, -8.80
CIELCh	44, 24.534, 201.029
Yxy	14.1460, 0.2319, 0.3215
Android (android.graphics.Color)	4280382583 (0xFF217477)
YUV	91.5250, 13.5452, -51.3264
Hunter-Lab	37.6112, -17.3999, -4.6412




Details

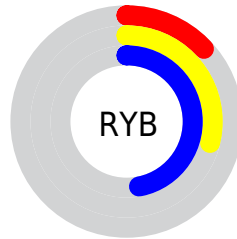
The Hex color **217477** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772421**, and the grayscale version is **5B5B5B**.




A 20% lighter version of the original color is **5CA8AB**, and **004347** is the 20% darker color. If you saturate the color by 10%, you get **157477**, and if you desaturate by 10%, it is **2D7477**.

Distribution







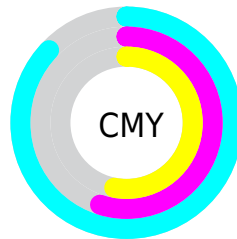
-  Red (13%)
-  Green (45%)
-  Blue (47%)






-  Red (13%)
-  Yellow (29%)
-  Blue (47%)



-  Cyan (72%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (55%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217477 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 217477 by changing the saturation by 10% instead.

 217477

 217477

FFFFFF

 005B5E

 5CA8AB

 004347

 77C4C6

 002D30

 93E0E2


 00191C

 AFFDFF

 000000

 CCFFFF

 E9FFFF

 217477

 217477

 157477

 2D7477

097377

397577

007377

457577

517677

5D7677

687677

747777

807777

8C7877

Harmonies

Analogous

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



387462



217477



257288

Triad

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



217477



7D5F83



7C6641

Complementary

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



217477



772421

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.



8B5F4A



217477



8D5A70

Square

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



217477



63668F



915A5B



686C42

Rectangle

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



217477



386F8F



915A5B



826343

Sweetspot

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



217477



799A9C



217724



3A4E4F



CFCFCF



4F4F4F

Same Dimension

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



217477



14979C



214977



353A3B



00767A



00F1FA

Inverse Universe

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



772174



9C1497



774F21



3B353A



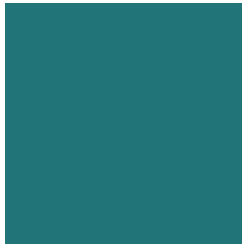
7A0076



FA00F1

Previews

White Background



This preview shows how the Hex color 217477 looks on a white background.

Color Contrast Check

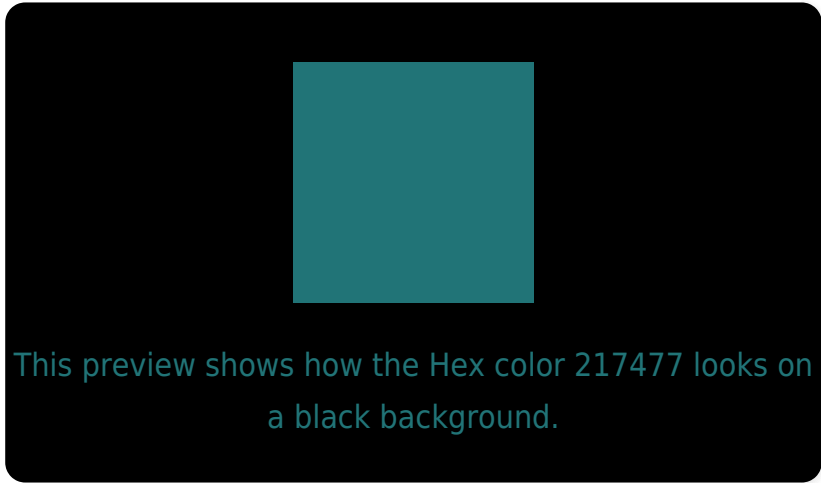
Large Text (above 18pt) WCAG AA ✓ Pass

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

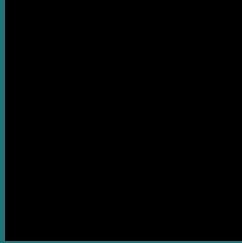
Any Text WCAG AA × Fail

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 217477 Background



This preview shows how black text looks on a background with the Hex color 217477.

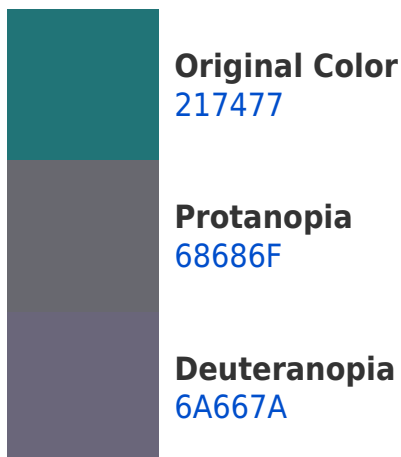



This preview shows how white text looks on a background with the Hex color 217477.

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](#).

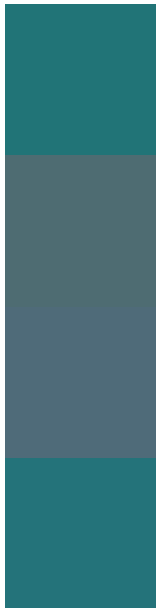
Dichromacy





Tritanopia
25737C

Trichromacy



Original Color
217477

Protanomaly
4E6C72

Deuteranomaly
4F6B79

Tritanomaly
24737A

Monochromacy



Original Color
217477

Achromatopsia
5C5C5C

Achromatomaly
476566

CSS Examples

Text

The CSS property to change the color of the text to Hex 217477 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 #217477 looks like.

```
.text, #text, p{  
    color:#217477  
}
```

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 #217477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217477
}
```

Border

The CSS property to change the border of an element to Hex 217477 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
#217477 }
```

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

```
.border{ border-color:#217477 }
```

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

Here you see how a box with a 4 pixel #217477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217477; -webkit-box-shadow:4px 4px  
4px 4px #217477; box-shadow:4px 4px 4px  
4px #217477 }
```

Background

The CSS property to change the background color of an element to Hex 217477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217477 }
```

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

```
.background{ background-color:#217477 }
```

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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