

Converting Colors

Hex(217677)

Have a look what the booklet for
Hex(217677) contains.

Hex(217677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(217677)

Conversions

Conversions Part 1

Format	Color
Hex	217677
RGB	33, 118, 119
RGB Percent	13%, 46%, 47%
CMY	0.8706, 0.5373, 0.5333
CMYK	0.72, 0.01, 0.00, 0.53
HSL	181°, 57%, 30%
HSV	181°, 72%, 47%
XYZ	10.4354, 14.6121, 19.7232
YIQ	92.6990, -50.9810, -17.7090

Conversions

Conversions Part 2

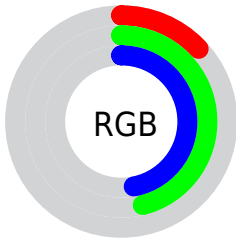
Format	Color
RYB	33, 76, 119
Decimal	2193015
CIELab	45.10, -23.93, -7.82
CIELCh	45, 25.180, 198.095
Yxy	14.6121, 0.2331, 0.3264
Android (android.graphics.Color)	4280383095 (0xFF217677)
YUV	92.6990, 12.9664, -52.3560
Hunter-Lab	38.2258, -18.1657, -3.8335

Details

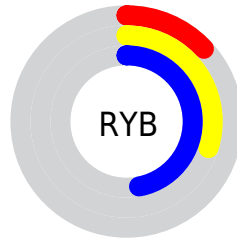
The Hex color **217677** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **772221**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CABAB**, and **004547** is the 20% darker color. If you saturate the color by 10%, you get **157677**, and if you desaturate by 10%, it is **2D7677**.

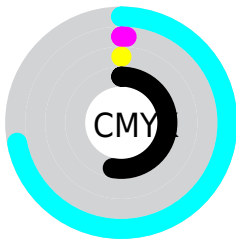
Distribution



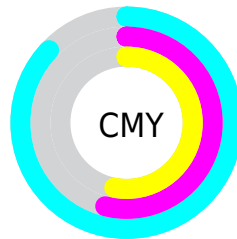
- Red (13%)
- Green (46%)
- Blue (47%)



- Red (13%)
- Yellow (30%)
- Blue (47%)



- Cyan (72%)
- Magenta (1%)
- Yellow (0%)
- Black (53%)




- Cyan (87%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217677 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 217677 by changing the saturation by 10% instead.

 217677

 217677

FFFFFF

 005D5E

 5CABAB

 004547

 78C6C6

 002E30

 93E2E2

 001B1B

 B0FFFF

 000000

 CCFFFF

 E9FFFF

 217677

 217677

 157677

 2D7677

■ 097677

■ 397677

■ 007677

■ 457677

■ 517777

■ 5D7777

■ 687777

■ 747777

■ 807777

■ 8C7777

Harmonies

Analogous

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



3A7661



217677



217489

Triad

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



217677



7D6187



806742

Complementary

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



217677



772221

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.



8F604C



217677



8E5B74

Square

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



217677



616892



945B5F



6C6D42

Rectangle

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



217677



347191



945B5F



866444

Sweetspot

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



217677



799B9C



217721



3A4F4F



CFCFCF



4F4F4F

Same Dimension

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



217677



149A9C



214C77



353B3B



00797A



00F7FA

Inverse Universe

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



772176



9C149A



774C21



3B353B



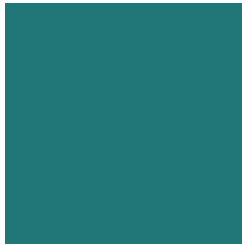
7A0079



FA00F7

Previews

White Background



This preview shows how the Hex color 217677 looks on a white background.

Color Contrast Check

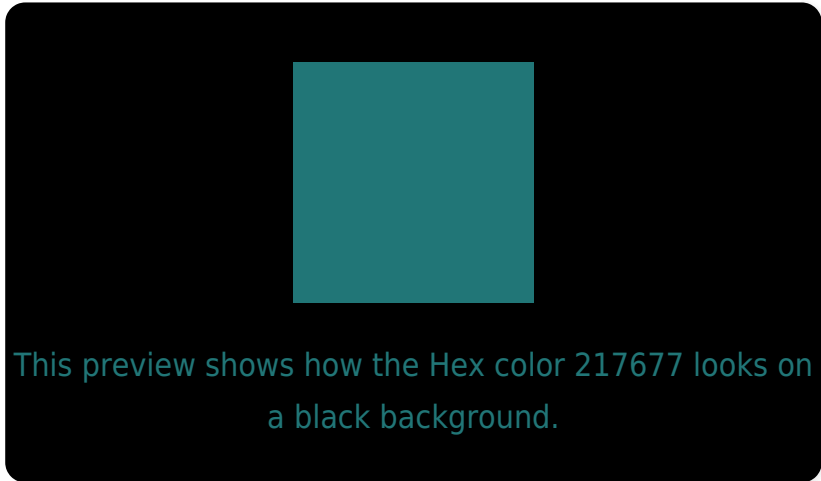
Large Text (above 18pt) WCAG AA ✓ Pass

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

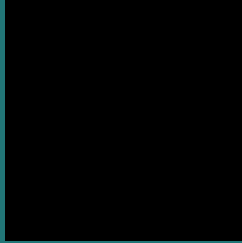
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

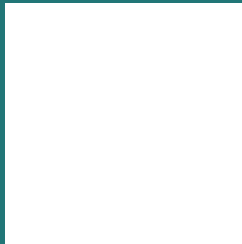
Any Text WCAG AAA × Fail

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

Hex 217677 Background



This preview shows how black text looks on a background with the Hex color 217677.

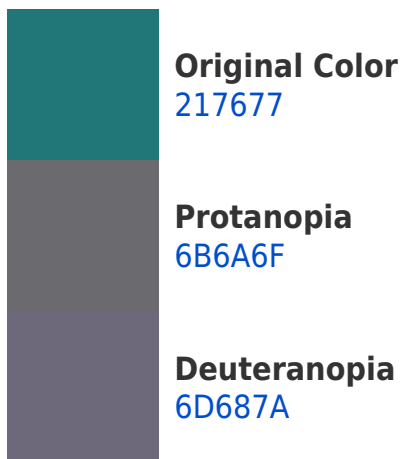


This preview shows how white text looks on a background with the Hex color 217677.

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](#).

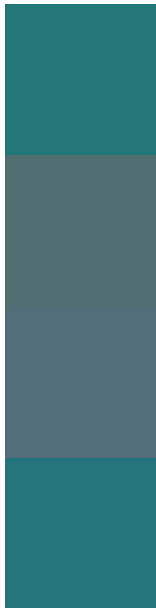
Dichromacy





Tritanopia
26757E

Trichromacy



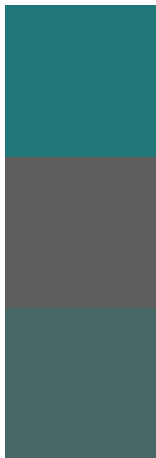
Original Color
217677

Protanomaly
506E72

Deuteranomaly
516D79

Tritanomaly
24757B

Monochromacy



Original Color
217677

Achromatopsia
5D5D5D

Achromatomaly
476666

CSS Examples

Text

The CSS property to change the color of the text to Hex 217677 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 #217677 looks like.

```
.text, #text, p{  
  color:#217677  
}
```

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 #217677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217677
}
```

Border

The CSS property to change the border of an element to Hex 217677 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
#217677 }
```

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

```
.border{ border-color:#217677 }
```

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

Here you see how a box with a 4 pixel #217677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217677; -webkit-box-shadow:4px 4px  
4px 4px #217677; box-shadow:4px 4px 4px  
4px #217677 }
```

Background

The CSS property to change the background color of an element to Hex 217677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217677 }
```

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

```
.background{ background-color:#217677 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor