

Converting Colors

Hex(217C8C)

Have a look what the booklet for
Hex(217C8C) contains.

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Color

Hex(217C8C)

Conversions

Conversions Part 1

Format	Color
Hex	217C8C
RGB	33, 124, 140
RGB Percent	13%, 49%, 55%
CMY	0.8706, 0.5137, 0.4510
CMYK	0.76, 0.11, 0.00, 0.45
HSL	189°, 62%, 34%
HSV	189°, 76%, 55%
XYZ	12.5685, 16.6321, 27.3588
YIQ	98.6150, -59.3720, -14.3160

Conversions

Conversions Part 2

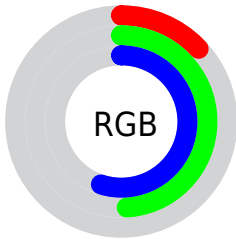
Format	Color
RYB	33, 82, 140
Decimal	2194572
CIELab	47.79, -20.24, -16.22
CIELCh	48, 25.933, 218.706
Yxy	16.6321, 0.2222, 0.2941
Android (android.graphics.Color)	4280384652 (0xFF217C8C)
YUV	98.6150, 20.4028, -57.5444
Hunter-Lab	40.7825, -16.3586, -11.2269




Details

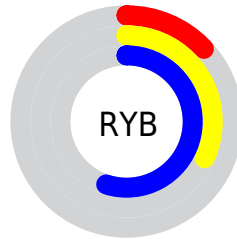
The Hex color **217C8C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8C3121**, and the grayscale version is **626262**.




A 20% lighter version of the original color is **5FB1C2**, and **004B5A** is the 20% darker color. If you saturate the color by 10%, you get **137A8C**, and if you desaturate by 10%, it is **2F7E8C**.

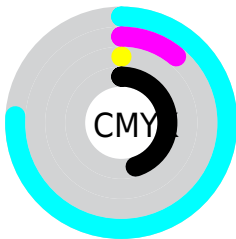
Distribution







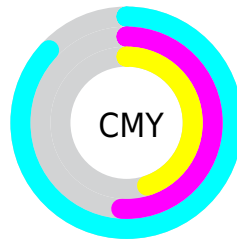
-  Red (13%)
-  Green (49%)
-  Blue (55%)






-  Red (13%)
-  Yellow (32%)
-  Blue (55%)



-  Cyan (76%)
-  Magenta (11%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (87%)
-  Magenta (51%)
-  Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217C8C 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 217C8C by changing the saturation by 10% instead.

 217C8C

 217C8C

FFFFFF

 006372

 5FB1C2

 004B5A

 7CCCDD

 003442

 98E9FA

 00202C

 B5FFFF


 000118

 D2FFFF

 000000

 EFFFFFF

 217C8C

 217C8C

 137A8C

 2F7E8C

■ 05788C

■ 3D808C

■ 00778C

■ 4B828C

■ 59848C

■ 67868C

■ 75898C

■ 838B8C

■ 918D8C

■ 9F8F8C

Harmonies

Analogous

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



2D7D77



217C8C



3A789A

Triad

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



217C8C



926382



7A7246

Complementary

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



217C8C



8C3121

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.



8D6B49



217C8C



9C616C

Square

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



217C8C



7C6994



9A6457



62784F

Rectangle

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



217C8C



51749D



9A6457



817046

Sweetspot

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



217C8C



8BAFB5



218C2F



42585C



DBDBDB



5C5C5C

Same Dimension

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



217C8C



0E9CB5



21488C



3E4445



007185



000405

Inverse Universe

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



8C217C



B50E9C



8C6521



453E44



850071



050004

Previews

White Background



This preview shows how the Hex color 217C8C looks on a white background.

Color Contrast Check

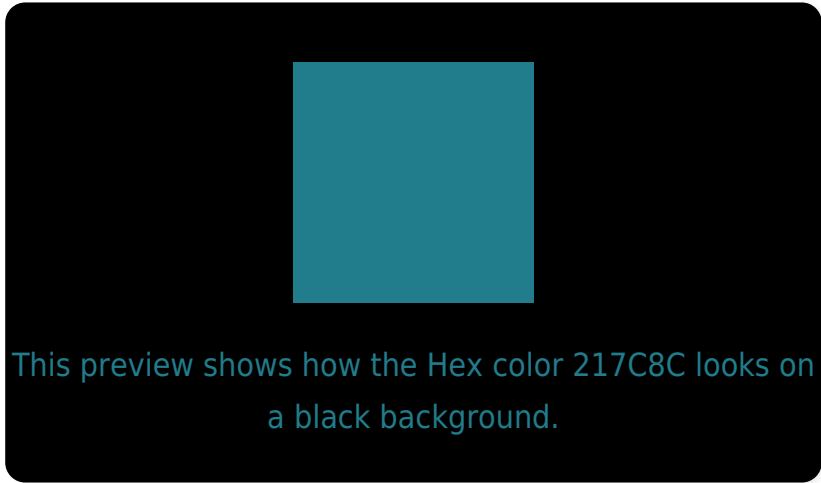
Large Text (above 18pt) WCAG AA ✓ Pass

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

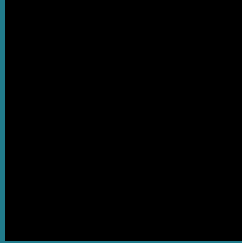
Any Text WCAG AA × Fail

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 217C8C Background



This preview shows how black text looks on a background with the Hex color 217C8C.

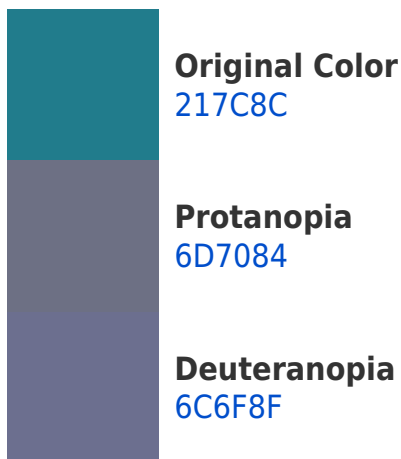


This preview shows how white text looks on a background with the Hex color 217C8C.

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
1D7D87

Trichromacy



Original Color
217C8C

Protanomaly
517487

Deuteranomaly
51748E

Tritanomaly
1E7D89

Monochromacy



Original Color
217C8C

Achromatopsia
636363

Achromatomaly
4B6C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 217C8C 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 #217C8C looks like.

```
.text, #text, p{  
    color:#217C8C  
}
```

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 #217C8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217C8C
}
```

Border

The CSS property to change the border of an element to Hex 217C8C 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
#217C8C }
```

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

```
.border{ border-color:#217C8C }
```

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

Here you see how a box with a 4 pixel #217C8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217C8C; -webkit-box-shadow:4px 4px  
4px 4px #217C8C; box-shadow:4px 4px 4px  
4px #217C8C }
```

Background

The CSS property to change the background color of an element to Hex 217C8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217C8C }
```

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

```
.background{ background-color:#217C8C }
```

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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