

Converting Colors

Hex(217B88)

Have a look what the booklet for
Hex(217B88) contains.

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Color

Hex(217B88)

Conversions

Conversions Part 1

Format	Color
Hex	217B88
RGB	33, 123, 136
RGB Percent	13%, 48%, 53%
CMY	0.8706, 0.5176, 0.4667
CMYK	0.76, 0.10, 0.00, 0.47
HSL	188°, 61%, 33%
HSV	188°, 76%, 53%
XYZ	12.1541, 16.2668, 25.7918
YIQ	97.5720, -57.8130, -15.0370

Conversions

Conversions Part 2

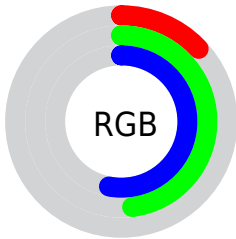
Format	Color
RYB	33, 81, 136
Decimal	2194312
CIELab	47.32, -21.04, -14.57
CIELCh	47, 25.593, 214.703
Yxy	16.2668, 0.2242, 0.3001
Android (android.graphics.Color)	4280384392 (0xFF217B88)
YUV	97.5720, 18.9450, -56.6296
Hunter-Lab	40.3322, -16.7903, -9.6825

Details

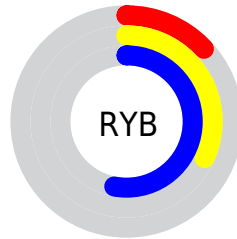
The Hex color **217B88** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **882E21**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FB0BD**, and **004A56** is the 20% darker color. If you saturate the color by 10%, you get **137988**, and if you desaturate by 10%, it is **2F7D88**.

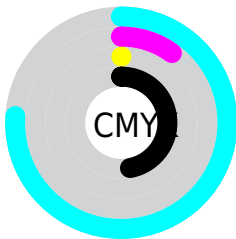
Distribution



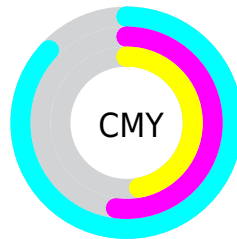
- Red (13%)
- Green (48%)
- Blue (53%)



- Red (13%)
- Yellow (32%)
- Blue (53%)



- Cyan (76%)
- Magenta (10%)
- Yellow (0%)
- Black (47%)




- Cyan (87%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217B88 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 217B88 by changing the saturation by 10% instead.

 217B88

 217B88

FFFFFF

 00626F

 5FB0BD

 004A56

 7BCBD9

 00333F

 97E8F6

 001F29

 B4FFFF

 000115

 D1FFFF

 000000

 EEEFFF

 217B88

 217B88

 137988

 2F7D88

067888

3C7E88

007788

4A8088

578288

658488

738588

808788

8E8988

9B8A88

Harmonies

Analogous

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



307C73



217B88



357797

Triad

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



217B88



8E6383



7B7045

Complementary

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



217B88



882E21

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.



8E694A



217B88



9A606E

Square

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



217B88



776994



996259



64764C

Rectangle

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



217B88



4C739B



996259



826E45

Sweetspot

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



217B88



87ABB0



21882D



405659



D9D9D9



595959

Same Dimension

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



217B88



109CB0



214888



3E4445



007485



000405

Inverse Universe

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



88217B



B0109C



886121



453E44



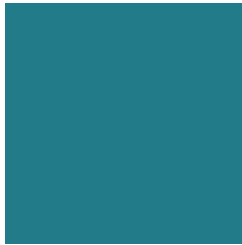
850074



050004

Previews

White Background



This preview shows how the Hex color 217B88 looks on a white background.

Color Contrast Check

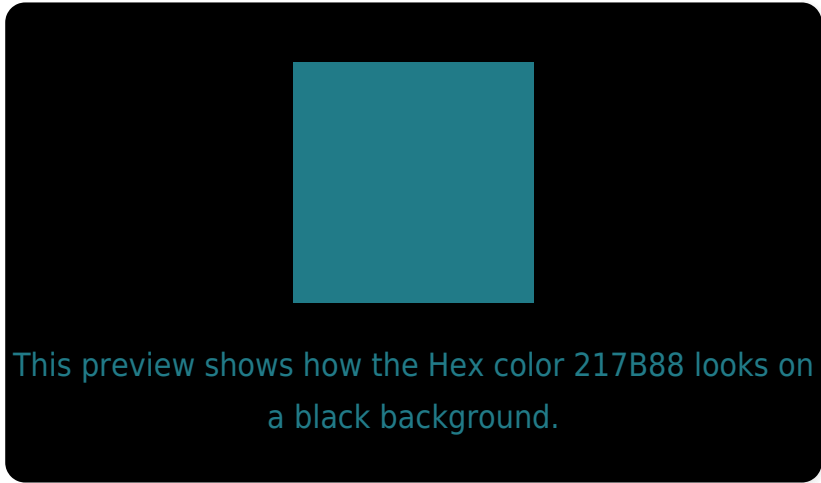
Large Text (above 18pt) WCAG AA ✓ Pass

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

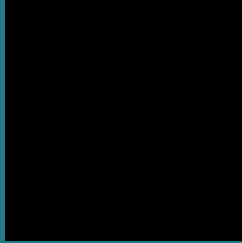
Any Text WCAG AA × Fail

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 217B88 Background



This preview shows how black text looks on a background with the Hex color 217B88.

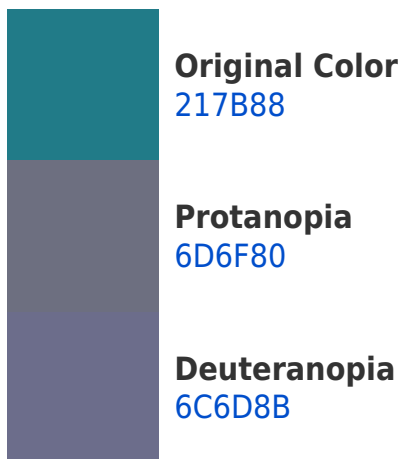


This preview shows how white text looks on a background with the Hex color 217B88.

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](#).

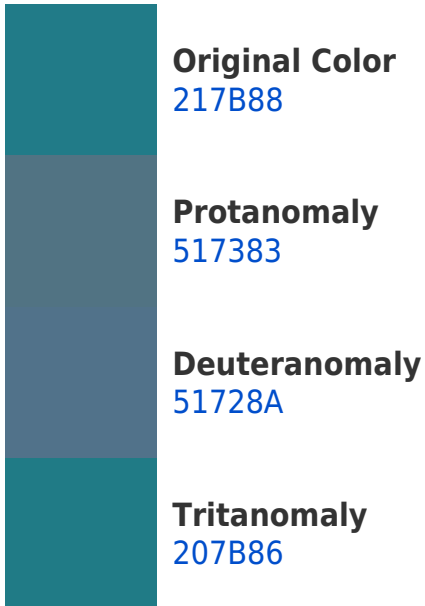
Dichromacy



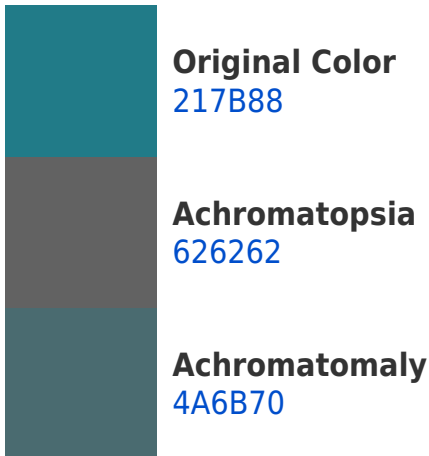


Tritanopia
1F7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 217B88 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 #217B88 looks like.

```
.text, #text, p{  
    color:#217B88  
}
```

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 #217B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217B88
}
```

Border

The CSS property to change the border of an element to Hex 217B88 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
#217B88 }
```

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

```
.border{ border-color:#217B88 }
```

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

Here you see how a box with a 4 pixel #217B88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217B88; -webkit-box-shadow:4px 4px  
4px 4px #217B88; box-shadow:4px 4px 4px  
4px #217B88 }
```

Background

The CSS property to change the background color of an element to Hex 217B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217B88 }
```

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

```
.background{ background-color:#217B88 }
```

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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