

Converting Colors

Hex(217D9D)

Have a look what the booklet for
Hex(217D9D) contains.

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Color

Hex(217D9D)

Conversions

Conversions Part 1

Format	Color
Hex	217D9D
RGB	33, 125, 157
RGB Percent	13%, 49%, 62%
CMY	0.8706, 0.5098, 0.3843
CMYK	0.79, 0.20, 0.00, 0.38
HSL	195°, 65%, 37%
HSV	195°, 79%, 62%
XYZ	14.0466, 17.4249, 34.5213
YIQ	101.1400, -65.1040, -9.5520

Conversions

Conversions Part 2

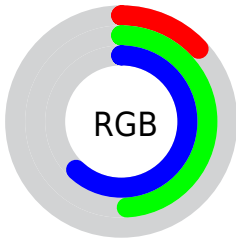
Format	Color
RYB	33, 86, 157
Decimal	2194845
CIELab	48.79, -14.92, -24.67
CIELCh	49, 28.829, 238.832
Yxy	17.4249, 0.2129, 0.2640
Android (android.graphics.Color)	4280384925 (0xFF217D9D)
YUV	101.1400, 27.5390, -59.7588
Hunter-Lab	41.7431, -12.9850, -19.8123

Details

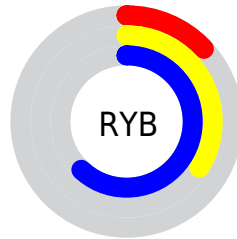
The Hex color **217D9D** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9D4121**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **62B2D4**, and **004C6A** is the 20% darker color. If you saturate the color by 10%, you get **11799D**, and if you desaturate by 10%, it is **31819D**.

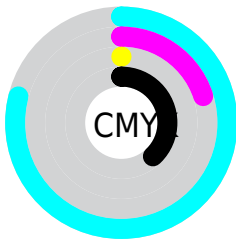
Distribution



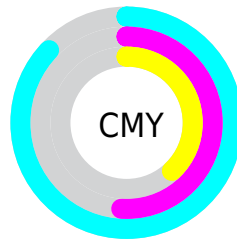
- Red (13%)
- Green (49%)
- Blue (62%)



- Red (13%)
- Yellow (34%)
- Blue (62%)



- Cyan (79%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (87%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 217D9D 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 217D9D by changing the saturation by 10% instead.

■ 217D9D

■ 217D9D

FFFFFF

■ 006483

■ 62B2D4

■ 004C6A

■ 7FCDF0

■ 003551

■ 9CE9FF

■ 00203A

■ B9FFFF

■ 000225

■ D6FFFF

■ 00010D

■ F4FFFF

■ 000000

■ 217D9D

■ 217D9D

■ 11799D

■ 31819D

■ 02759D

■ 40859D

■ 00749D

■ 50899D

■ 608D9D

■ 70919D

■ 7F959D

■ 8F999D

■ 9F9D9D

■ AEA19D

Harmonies

Analogous

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



05808B



217D9D



4E77A4

Triad

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



217D9D



A16176



6C7948

Complementary

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



217D9D



9D4121

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.



857243



217D9D



A3635E

Square

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



217D9D



92658E



986A4B



4F7E5A

Rectangle

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



217D9D



6971A2



986A4B



747745

Sweetspot

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



217D9D



9BBFCC



219D40



485E66



E6E6E6



666666

Same Dimension

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



217D9D



0A9ACC



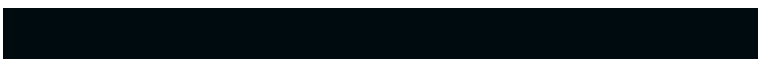
21409D



474D4F



006A8F



000B0F

Inverse Universe

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



9D217D



CC0A9A



9D7E21



4F474D



8F006A



0F000B

Previews

White Background



This preview shows how the Hex color 217D9D 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



This preview shows how the Hex color 217D9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

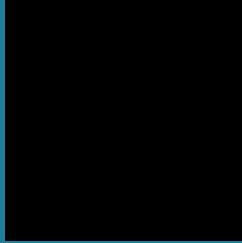
Any Text WCAG AA × Fail

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 217D9D Background



This preview shows how black text looks on a background with the Hex color 217D9D.

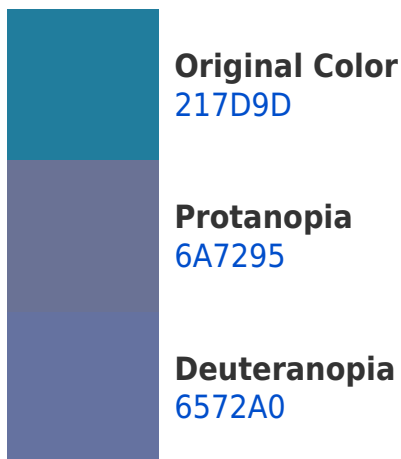


This preview shows how white text looks on a background with the Hex color 217D9D.

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](#).

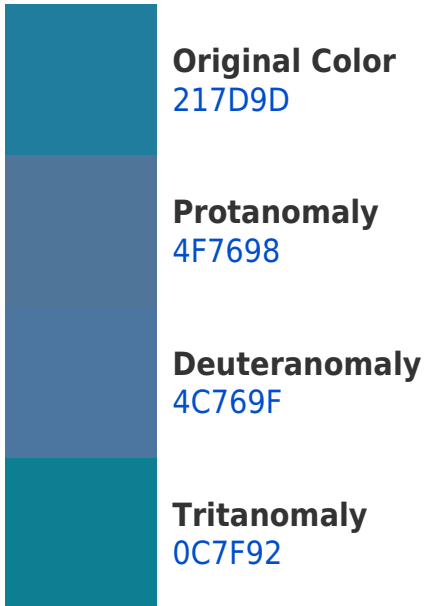
Dichromacy





Tritanopia
00808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 217D9D 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 #217D9D looks like.

```
.text, #text, p{  
    color:#217D9D  
}
```

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 #217D9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #217D9D
}
```

Border

The CSS property to change the border of an element to Hex 217D9D 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
#217D9D }
```

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

```
.border{ border-color:#217D9D }
```

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

Here you see how a box with a 4 pixel #217D9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #217D9D; -webkit-box-shadow:4px 4px  
4px 4px #217D9D; box-shadow:4px 4px 4px  
4px #217D9D }
```

Background

The CSS property to change the background color of an element to Hex 217D9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#217D9D }
```

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

```
.background{ background-color:#217D9D }
```

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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