

Converting Colors

Hex(177C9D)

Have a look what the booklet for
Hex(177C9D) contains.

Hex(177C9D)	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(177C9D)

Conversions

Conversions Part 1

Format	Color
Hex	177C9D
RGB	23, 124, 157
RGB Percent	9%, 49%, 62%
CMY	0.9098, 0.5137, 0.3843
CMYK	0.85, 0.21, 0.00, 0.38
HSL	195°, 74%, 35%
HSV	195°, 85%, 62%
XYZ	13.6468, 17.0318, 34.4665
YIQ	97.5630, -70.7890, -11.1490

Conversions

Conversions Part 2

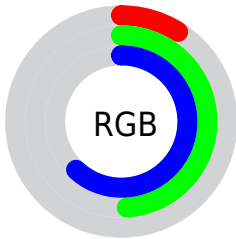
Format	Color
R_{YB}	23, 81, 157
Decimal	1539229
CIE _{Lab}	48.30, -15.34, -25.44
CIE _{LCh}	48, 29.707, 238.918
Yxy	17.0318, 0.2095, 0.2614
Android (android.graphics.Color)	4279729309 (0xFF177C9D)
YUV	97.5630, 29.3024, -65.3918
Hunter-Lab	41.2696, -13.1963, -20.6276

Details

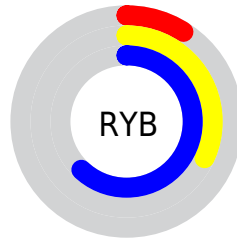
The Hex color **177C9D** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9D3817**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DB1D4**, and **004B6A** is the 20% darker color. If you saturate the color by 10%, you get **07789D**, and if you desaturate by 10%, it is **27809D**.

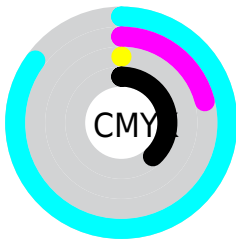
Distribution



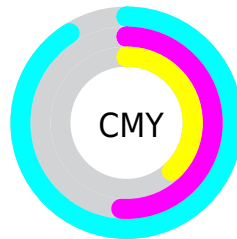
- Red (9%)
- Green (49%)
- Blue (62%)



- Red (9%)
- Yellow (32%)
- Blue (62%)



- Cyan (85%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 177C9D 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 177C9D by changing the saturation by 10% instead.

■ 177C9D

■ 177C9D

FFFFFF

■ 006383

■ 5DB1D4

■ 004B6A

■ 7BCCF0

■ 003451

■ 98E8FF

■ 00203A

■ B5FFFF

■ 000225

■ D2FFFF

■ 00010D

■ F0FFFF

■ 000000

■ 177C9D

■ 177C9D

■ 07789D

■ 27809D

00769D

36849D

46889D

568B9D

668F9D

75939D

85979D

959B9D

A49F9D

Harmonies

Analogous

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



007F8A



177C9D



4B75A5

Triad

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



177C9D



A15F75



6A7846

Complementary

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



177C9D



9D3817

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.



847140



177C9D



A2615C

Square

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



177C9D



91648D



986848



4C7E58

Rectangle

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



177C9D



6870A2



986848



737642

Sweetspot

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



177C9D



97BFCC



179D36



465E66



E6E6E6



666666

Same Dimension

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



177C9D



009ACC



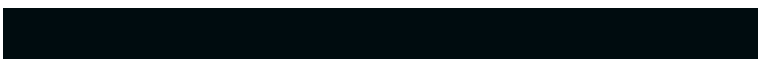
173B9D



474D4F



006C8F



000C0F

Inverse Universe

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



9D177C



CC009A



9D7917



4F474D



8F006C



0F000C

Previews

White Background



This preview shows how the Hex color 177C9D looks on a white background.

Color Contrast Check

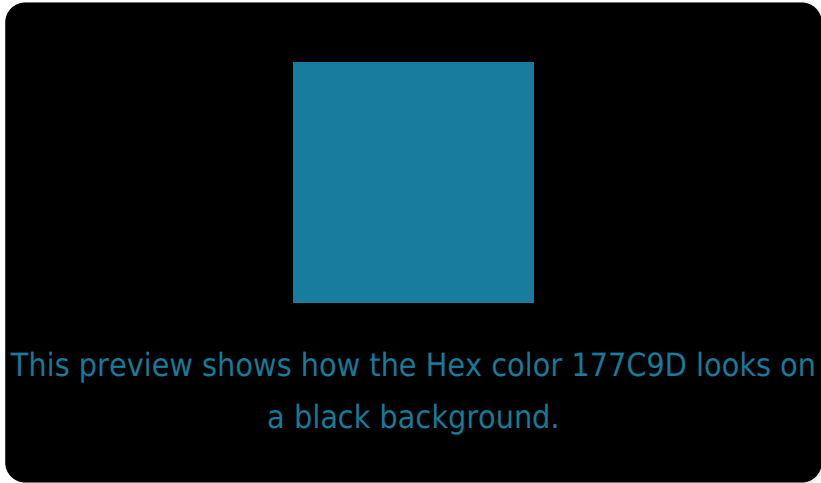
Large Text (above 18pt) WCAG AA ✓ Pass

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

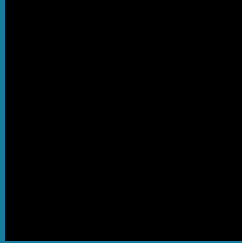
Any Text WCAG AA × Fail

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 177C9D Background



This preview shows how black text looks on a background with the Hex color 177C9D.

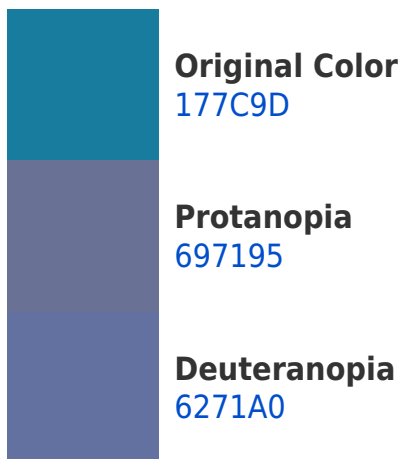


This preview shows how white text looks on a background with the Hex color 177C9D.

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](#).

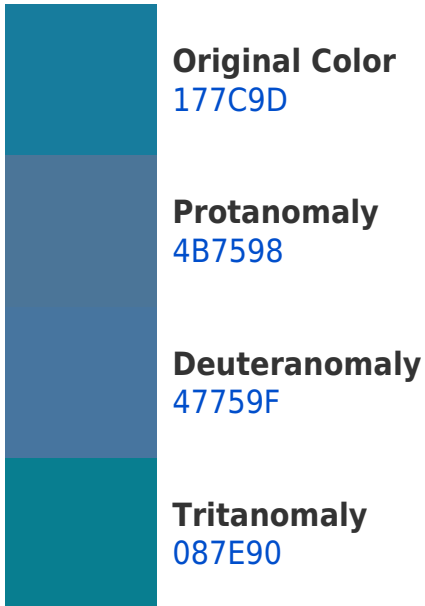
Dichromacy





Tritanopia
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 177C9D 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 #177C9D looks like.

```
.text, #text, p{  
    color:#177C9D  
}
```

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 #177C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #177C9D
}
```

Border

The CSS property to change the border of an element to Hex 177C9D 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
#177C9D }
```

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

```
.border{ border-color:#177C9D }
```

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

Here you see how a box with a 4 pixel #177C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #177C9D; -webkit-box-shadow:4px 4px  
4px 4px #177C9D; box-shadow:4px 4px 4px  
4px #177C9D }
```

Background

The CSS property to change the background color of an element to Hex 177C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#177C9D }
```

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

```
.background{ background-color:#177C9D }
```

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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