

# Converting Colors

Hex(17879D)

Have a look what the booklet for  
Hex(17879D) contains.

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# Color

**Hex(17879D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17879D
RGB	23, 135, 157
RGB Percent	9%, 53%, 62%
CMY	0.9098, 0.4706, 0.3843
CMYK	0.85, 0.14, 0.00, 0.38
HSL	190°, 74%, 35%
HSV	190°, 85%, 62%
XYZ	15.1031, 19.9444, 34.9519
YIQ	104.0200, -73.8140, -16.9020

# Conversions

## Conversions Part 2

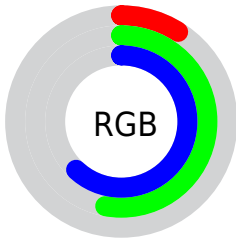
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 84, 157
Decimal	1542045
CIE <sub>Lab</sub>	51.77, -21.31, -20.09
CIE <sub>LCh</sub>	52, 29.287, 223.308
Yxy	19.9444, 0.2158, 0.2849
Android (android.graphics.Color)	4279732125 (0xFF17879D)
YUV	104.0200, 26.1191, -71.0545
Hunter-Lab	44.6592, -17.7873, -15.1411

# Details

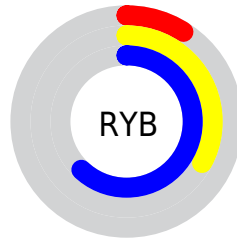
The Hex color **17879D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9D2D17**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **5FBCD4**, and **00556A** is the 20% darker color. If you saturate the color by 10%, you get **07849D**, and if you desaturate by 10%, it is **278A9D**.

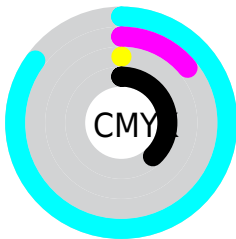
# Distribution



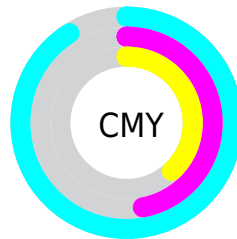
- Red (9%)
- Green (53%)
- Blue (62%)



- Red (9%)
- Yellow (33%)
- Blue (62%)



- Cyan (85%)
- Magenta (14%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17879D 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 17879D by changing the saturation by 10% instead.



■ 17879D

■ 17879D

FFFFFF

■ 006E83

■ 5FBCD4

■ 00556A

■ 7CD8F0

■ 003D51

■ 99F5FF

■ 00273A

■ B7FFFF

■ 000E25

■ D4FFFF

■ 00010E

■ F2FFFF

■ 000000

■ 17879D

■ 17879D

■ 07849D

■ 278A9D

00839D

368C9D

468F9D

56919D

66949D

75969D

85999D

959C9D

A49E9D

# Harmonies

## Analogous

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



238986



17879D



3F82AB

# Triad

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



17879D



A46A8A



817D4A

# Complementary

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



17879D



9D2D17

# 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.



98754C



17879D



AC6871

# Square

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



17879D



8D71A0



A86D5A



658456

# Rectangle

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



17879D



5C7DAD



A86D5A



897B49



# Sweetspot

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



17879D



97C3CC



179D2B



466166



E6E6E6



666666



# Same Dimension

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



17879D



00ABCC



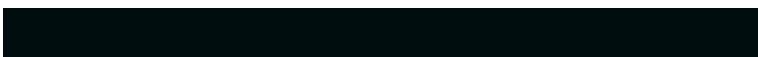
17469D



474E4F



00778F



000D0F



# Inverse Universe

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



9D1787



CC00AB



9D6E17



4F474E



8F0077



0F000D



# Previews

## White Background



This preview shows how the Hex color 17879D looks on a white background.

## Color Contrast Check

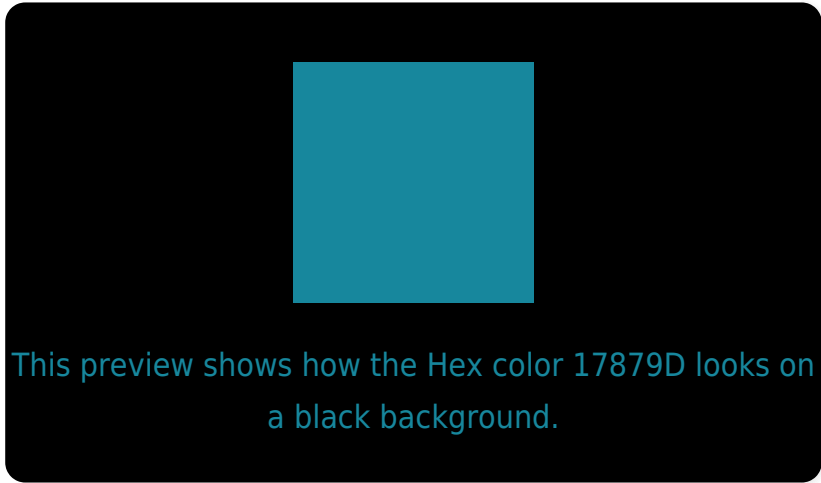
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

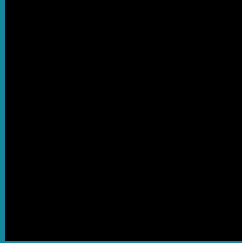
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 17879D Background



This preview shows how black text looks on a background with the Hex color 17879D.

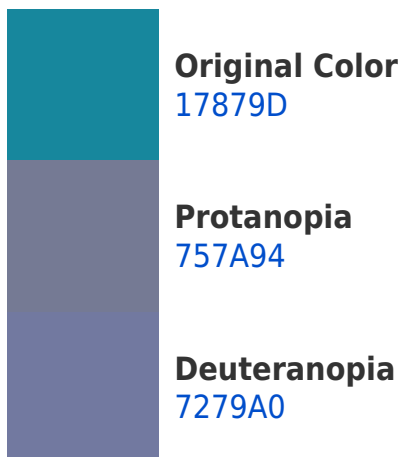


This preview shows how white text looks on a background with the Hex color 17879D.

# Color Blindness Simulation

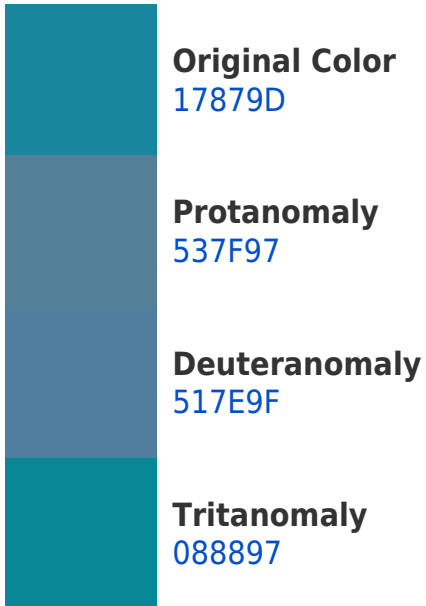
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17879D 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 #17879D looks like.

```
.text, #text, p{  
    color:#17879D  
}
```

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 #17879D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17879D
}
```

## Border

The CSS property to change the border of an element to Hex 17879D 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
#17879D }
```

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

```
.border{ border-color:#17879D }
```

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

Here you see how a box with a 4 pixel #17879D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17879D; -webkit-box-shadow:4px 4px  
4px 4px #17879D; box-shadow:4px 4px 4px  
4px #17879D }
```

# Background

The CSS property to change the background color of an element to Hex 17879D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17879D }
```

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

```
.background{ background-color:#17879D }
```

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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