

# Converting Colors

Hex(1D879B)

Have a look what the booklet for  
Hex(1D879B) contains.

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# Color

**Hex(1D879B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D879B
RGB	29, 135, 155
RGB Percent	11%, 53%, 61%
CMY	0.8863, 0.4706, 0.3922
CMYK	0.81, 0.13, 0.00, 0.39
HSL	190°, 68%, 36%
HSV	190°, 81%, 61%
XYZ	15.0871, 19.9557, 34.0670
YIQ	105.5860, -69.5960, -16.2520

# Conversions

## Conversions Part 2

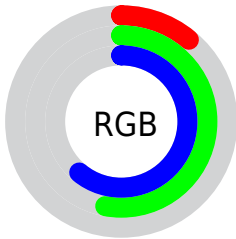
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 87, 155
Decimal	1935259
CIE <sub>Lab</sub>	51.79, -21.46, -18.90
CIE <sub>LCh</sub>	52, 28.599, 221.369
Yxy	19.9557, 0.2183, 0.2888
Android (android.graphics.Color)	4280125339 (0xFF1D879B)
YUV	105.5860, 24.3611, -67.1659
Hunter-Lab	44.6718, -17.8907, -13.9447

# Details

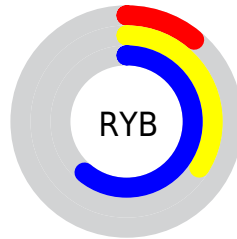
The Hex color **1D879B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9B311D**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **61BDD1**, and **005568** is the 20% darker color. If you saturate the color by 10%, you get **0E859B**, and if you desaturate by 10%, it is **2D899B**.

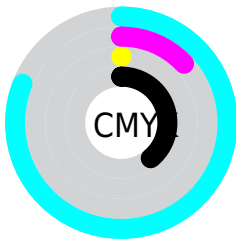
# Distribution



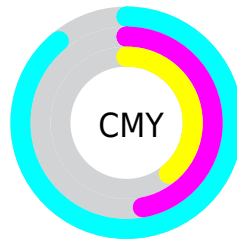
- Red (11%)
- Green (53%)
- Blue (61%)



- Red (11%)
- Yellow (34%)
- Blue (61%)



- Cyan (81%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (89%)
- Magenta (47%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D879B 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 1D879B by changing the saturation by 10% instead.



 1D879B

 1D879B

FFFFFF

 006E81


 61BDD1

 005568

 7ED8EE

 003D50

 9BF5FF

 002739

 B8FFFF

 000E23

 D6FFFF

 00000B

 F4FFFF

 000000

 1D879B

 1D879B

 0E859B

 2D899B

■ 00829B

■ 3C8C9B

■ 4C8E9B

■ 5B919B

■ 6B939B

■ 7A969B

■ 8A989B

■ 999B9B

■ A99D9B

# Harmonies

## Analogous

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



298984



1D879B



3F82A9

# Triad

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



1D879B



A26B8C



837D4B

# Complementary

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



1D879B



9B311D

# 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.



99754D



1D879B



AB6973

# Square

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



1D879B



8A72A0



A86D5C



688456

# Rectangle

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



1D879B



5A7DAC



A86D5C



8B7A4A



# Sweetspot

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



1D879B



99C2C9



1D9B30



486166



E6E6E6



666666



# Same Dimension

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



1D879B



04AAC9



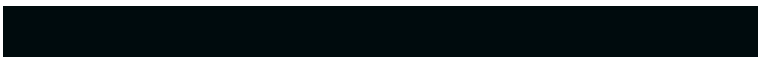
1D499B



454B4D



00768C



000B0D



# Inverse Universe

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



9B1D87



C904AA



9B6F1D



4D454B



8C0076



0D000B



# Previews

## White Background



This preview shows how the Hex color 1D879B looks on a white background.

## Color Contrast Check

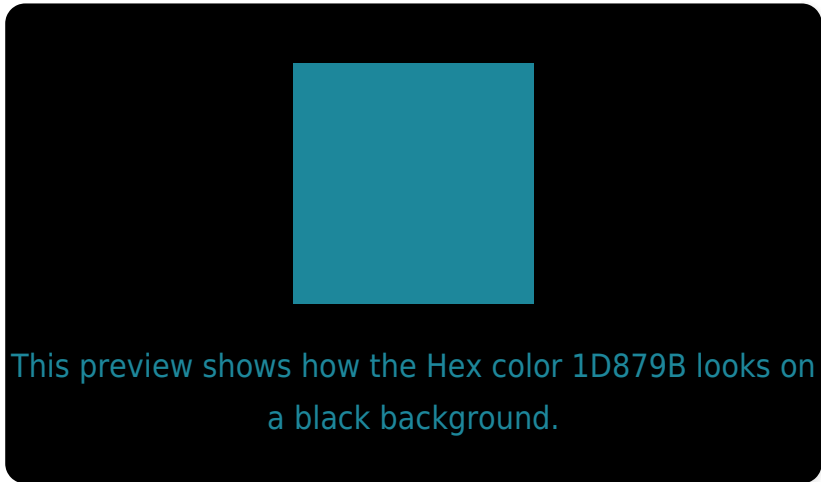
Large Text (above 18pt) WCAG AA ✓ Pass

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

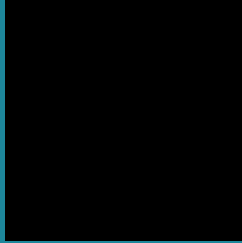
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D879B Background



This preview shows how black text looks on a background with the Hex color 1D879B.

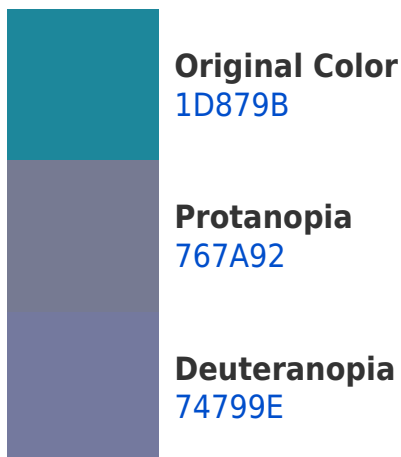


This preview shows how white text looks on a background with the Hex color 1D879B.

# 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**  
138893

# Trichromacy



**Original Color**  
1D879B



**Protanomaly**  
567F95



**Deuteranomaly**  
547E9D



**Tritanomaly**  
178896

# Monochromacy



**Original Color**  
1D879B



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
4E757C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D879B 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 #1D879B looks like.

```
.text, #text, p{  
    color:#1D879B  
}
```

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 #1D879B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D879B
}
```

## Border

The CSS property to change the border of an element to Hex 1D879B 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
#1D879B }
```

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

```
.border{ border-color:#1D879B }
```

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

Here you see how a box with a 4 pixel #1D879B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D879B; -webkit-box-shadow:4px 4px  
4px 4px #1D879B; box-shadow:4px 4px 4px  
4px #1D879B }
```

# Background

The CSS property to change the background color of an element to Hex 1D879B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D879B }
```

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

```
.background{ background-color:#1D879B }
```

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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