

Converting Colors

Hex(1D909E)

Have a look what the booklet for
Hex(1D909E) contains.

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Color

Hex(1D909E)

Conversions

Conversions Part 1

Format	Color
Hex	1D909E
RGB	29, 144, 158
RGB Percent	11%, 56%, 62%
CMY	0.8863, 0.4353, 0.3804
CMYK	0.82, 0.09, 0.00, 0.38
HSL	187°, 69%, 37%
HSV	187°, 82%, 62%
XYZ	16.6515, 22.6764, 35.8471
YIQ	111.2110, -73.0340, -20.0260

Conversions

Conversions Part 2

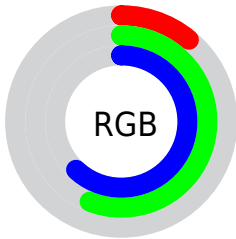
Format	Color
R_{YB}	29, 90, 158
Decimal	1937566
CIE _{Lab}	54.74, -25.13, -16.14
CIE _{LCh}	55, 29.864, 212.712
Yxy	22.6764, 0.2215, 0.3016
Android (android.graphics.Color)	4280127646 (0xFF1D909E)
YUV	111.2110, 23.0670, -72.0990
Hunter-Lab	47.6197, -20.9171, -11.2985

Details

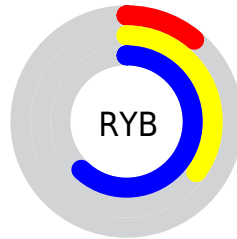
The Hex color **1D909E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E2B1D**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **62C6D5**, and **005D6B** is the 20% darker color. If you saturate the color by 10%, you get **0D8E9E**, and if you desaturate by 10%, it is **2D929E**.

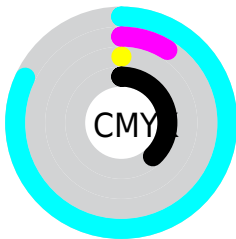
Distribution



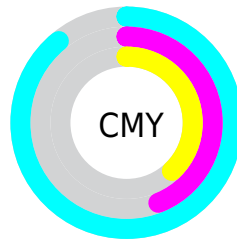
- Red (11%)
- Green (56%)
- Blue (62%)



- Red (11%)
- Yellow (35%)
- Blue (62%)



- Cyan (82%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (89%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D909E 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 1D909E by changing the saturation by 10% instead.

 1D909E

 1D909E

FFFFFF

 007684

 62C6D5

 005D6B

 80E2F1

 004552

 9DFFFF

 002E3B

 BBFFFF

 001A26

 D8FFFF

 000110

 F6FFFF

 000000

 1D909E

 1D909E

 0D8E9E

 2D929E

008D9E

3D939E

4C959E

5C979E

6C999E

7C9A9E

8C9C9E

9B9E9E

AB9F9E

Harmonies

Analogous

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



369185



1D909E



378CB0

Triad

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



1D909E



A6739B



92824F

Complementary

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



1D909E



9E2B1D

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.



A87956



1D909E



B46F82

Square

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



1D909E



897BAE



B47268



778A57

Rectangle

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



1D909E



5487B6



B47268



9A7F50

Sweetspot

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



1D909E



9DC9CF



1D9E2A



4A6569



E8E8E8



696969

Same Dimension

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



1D909E



04B9CF



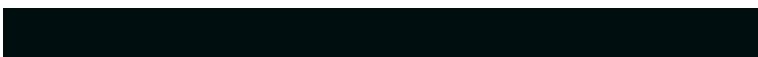
1D519E



474E4F



007F8F



000E0F

Inverse Universe

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



9E1D90



CF04B9



9E6A1D



4F474E



8F007F



0F000E

Previews

White Background



This preview shows how the Hex color 1D909E looks on a white background.

Color Contrast Check

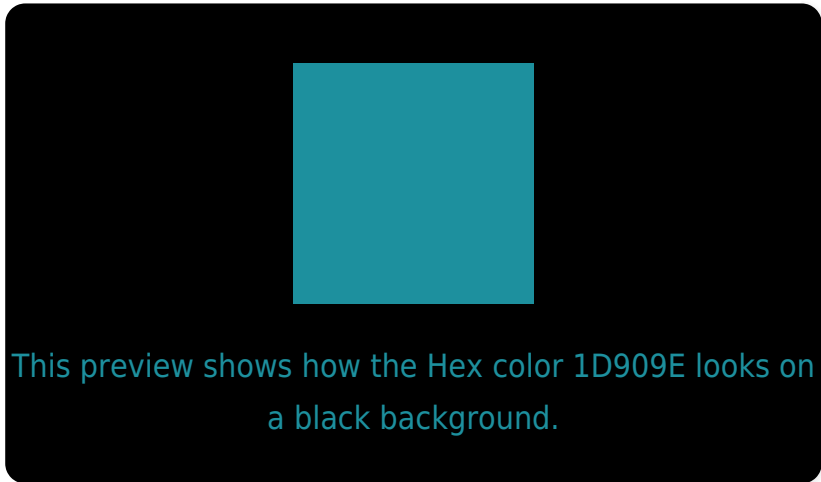
Large Text (above 18pt) WCAG AA ✓ Pass

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

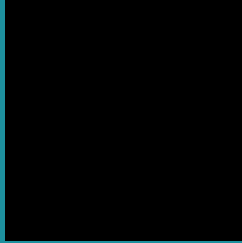
Any Text WCAG AA ✓ Pass

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 1D909E Background



This preview shows how black text looks on a background with the Hex color 1D909E.

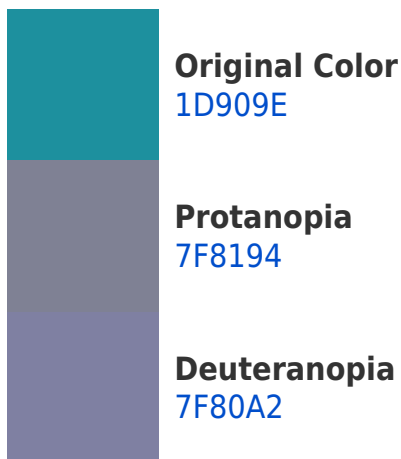


This preview shows how white text looks on a background with the Hex color 1D909E.

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](#).

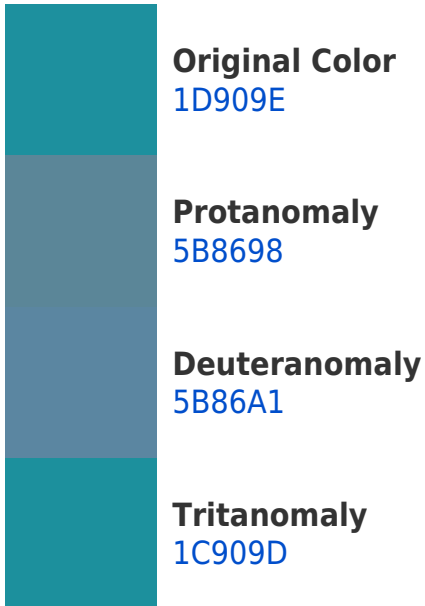
Dichromacy



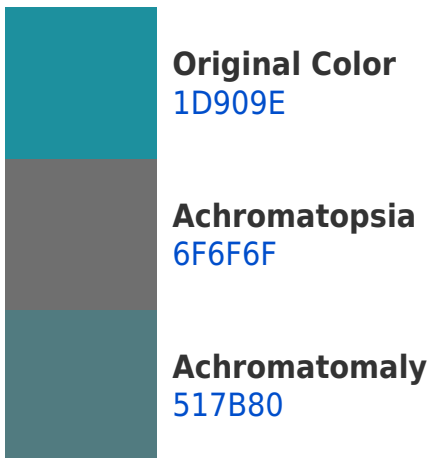


Tritanopia
1B909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D909E 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 #1D909E looks like.

```
.text, #text, p{  
    color:#1D909E  
}
```

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 #1D909E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D909E
}
```

Border

The CSS property to change the border of an element to Hex 1D909E 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
#1D909E }
```

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

```
.border{ border-color:#1D909E }
```

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

Here you see how a box with a 4 pixel #1D909E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D909E; -webkit-box-shadow:4px 4px  
4px 4px #1D909E; box-shadow:4px 4px 4px  
4px #1D909E }
```

Background

The CSS property to change the background color of an element to Hex 1D909E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D909E }
```

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

```
.background{ background-color:#1D909E }
```

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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