

# Converting Colors

Hex(1D9E8F)

Have a look what the booklet for  
Hex(1D9E8F) contains.

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# Color

Hex(1D9E8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D9E8F
RGB	29, 158, 143
RGB Percent	11%, 62%, 56%
CMY	0.8863, 0.3804, 0.4392
CMYK	0.82, 0.00, 0.09, 0.38
HSL	173°, 69%, 37%
HSV	173°, 82%, 62%
XYZ	17.6915, 26.6981, 30.2074
YIQ	117.7190, -72.0690, -32.0130

# Conversions

## Conversions Part 2

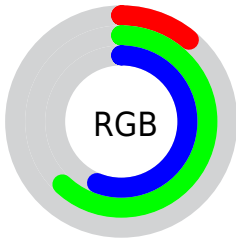
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 97, 158
Decimal	1941135
CIELab	58.69, -36.47, -1.66
CIElCh	59, 36.512, 182.604
Yxy	26.6981, 0.2372, 0.3579
Android (android.graphics.Color)	4280131215 (0xFF1D9E8F)
YUV	117.7190, 12.4635, -77.8066
Hunter-Lab	51.6702, -29.3058, 1.5071

# Details

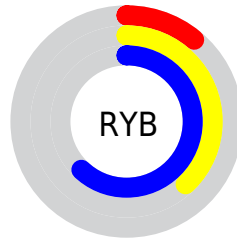
The Hex color **1D9E8F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9E1D2C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **63D5C5**, and **006A5D** is the 20% darker color. If you saturate the color by 10%, you get **0D9E8D**, and if you desaturate by 10%, it is **2D9E91**.

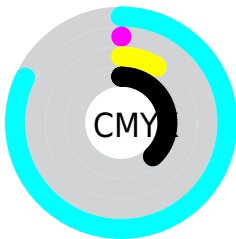
# Distribution



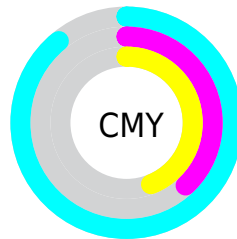
- Red (11%)
- Green (62%)
- Blue (56%)



- Red (11%)
- Yellow (38%)
- Blue (62%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D9E8F 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 1D9E8F by changing the saturation by 10% instead.



 1D9E8F

 1D9E8F

FFFFFF

 008375

 63D5C5

 006A5D

 81F2E1

 005145

 9EFFFF

 00392F

 BBFFFF

 00251A

 D9FFFF

 000000

 F7FFFF

 1D9E8F

 1D9E8F

 0D9E8D

 2D9E91

■ 009E8C

■ 3D9E93

■ 4C9E95

■ 5C9E96

■ 6C9E98

■ 7C9E9A

■ 8C9E9C

■ 9B9E9E

■ AB9EA0

# Harmonies

## Analogous

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



569B6F



1D9E8F



009DAF

# Triad

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



1D9E8F



9484C3



B98155

# Complementary

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



1D9E8F



9E1D2C

# 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.



C9776C



1D9E8F



B879AB

# Square

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



1D9E8F



618FCD



C9748C



9F8C4C

# Rectangle

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



1D9E8F



009ABF



C9748C



C07D5B



# Sweetspot

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



1D9E8F



9DCFC9



2C9E1D



4A6965



E8E8E8



696969

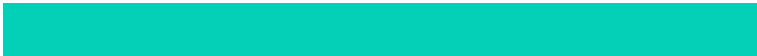


# Same Dimension

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



1D9E8F



04CFB7



1D6D9E



474F4E



008F7E



000F0E



# Inverse Universe

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



9E1D2C



CF041C



9E4E1D



4F4748



8F0011

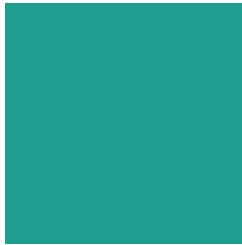


0F0002



# Previews

## White Background



This preview shows how the Hex color 1D9E8F looks on a white background.

## Color Contrast Check

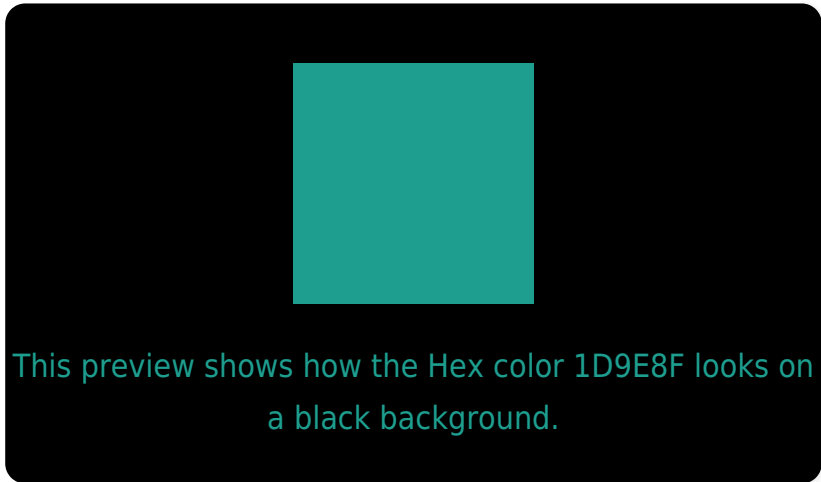
Large Text (above 18pt) WCAG AA ✓ Pass

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

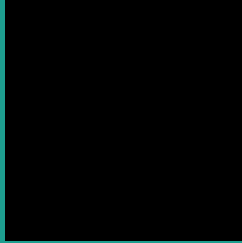
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D9E8F Background



This preview shows how black text looks on a background with the Hex color 1D9E8F.

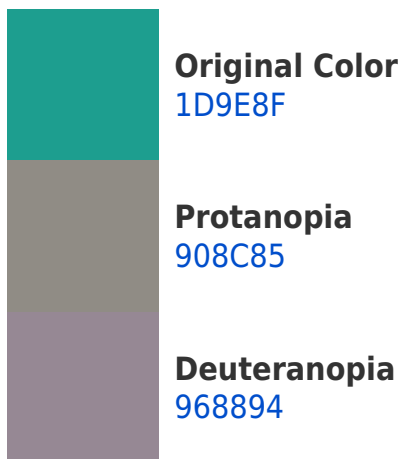


This preview shows how white text looks on a background with the Hex color 1D9E8F.

# 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](#).

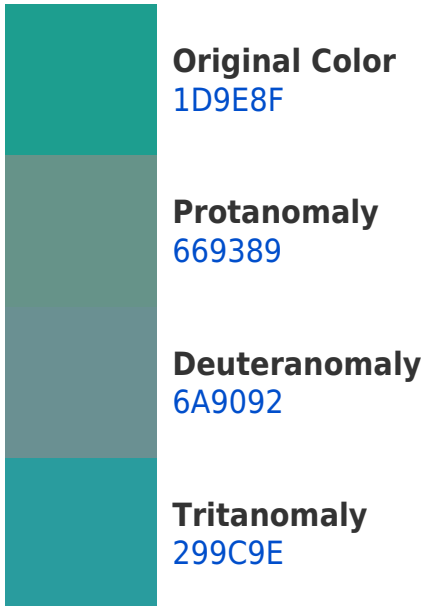
## Dichromacy



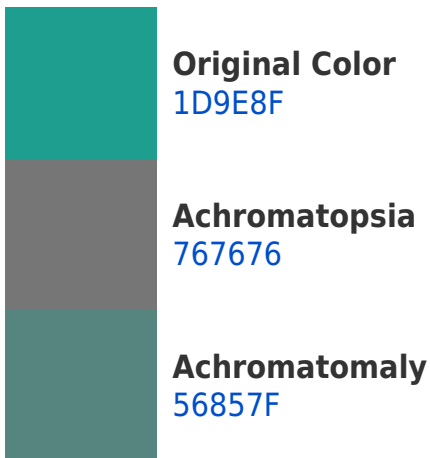


**Tritanopia**  
309BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D9E8F 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 #1D9E8F looks like.

```
.text, #text, p{  
    color:#1D9E8F  
}
```

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 #1D9E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D9E8F
}
```

## Border

The CSS property to change the border of an element to Hex 1D9E8F 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
#1D9E8F }
```

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

```
.border{ border-color:#1D9E8F }
```

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

Here you see how a box with a 4 pixel #1D9E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D9E8F; -webkit-box-shadow:4px 4px  
4px 4px #1D9E8F; box-shadow:4px 4px 4px  
4px #1D9E8F }
```

# Background

The CSS property to change the background color of an element to Hex 1D9E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D9E8F }
```

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

```
.background{ background-color:#1D9E8F }
```

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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