

# Converting Colors

Hex(1D8F8F)

Have a look what the booklet for  
Hex(1D8F8F) contains.

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# Color

Hex(1D8F8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1D8F8F
RGB	29, 143, 143
RGB Percent	11%, 56%, 56%
CMY	0.8863, 0.4392, 0.4392
CMYK	0.80, 0.00, 0.00, 0.44
HSL	180°, 66%, 34%
HSV	180°, 80%, 56%
XYZ	15.2871, 21.8893, 29.4059
YIQ	108.9140, -67.9440, -24.1680

# Conversions

## Conversions Part 2

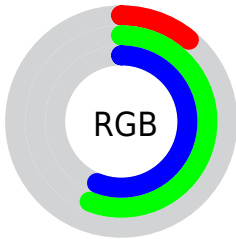
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 86, 143
Decimal	1937295
CIELab	53.91, -29.42, -8.74
CIElCh	54, 30.691, 196.553
Yxy	21.8893, 0.2296, 0.3288
Android (android.graphics.Color)	4280127375 (0xFF1D8F8F)
YUV	108.9140, 16.8044, -70.0846
Hunter-Lab	46.7860, -23.5516, -4.5148

# Details

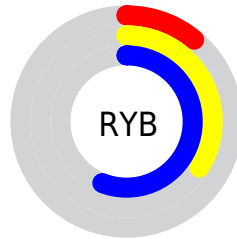
The Hex color **1D8F8F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F1D1D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **60C5C5**, and **005C5D** is the 20% darker color. If you saturate the color by 10%, you get **0F8F8F**, and if you desaturate by 10%, it is **2B8F8F**.

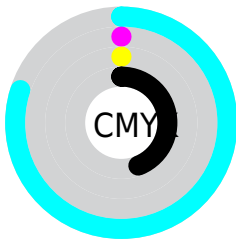
# Distribution



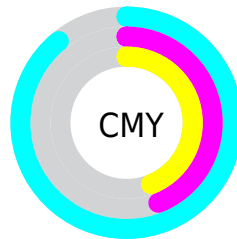
- Red (11%)
- Green (56%)
- Blue (56%)



- Red (11%)
- Yellow (34%)
- Blue (56%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D8F8F 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 1D8F8F by changing the saturation by 10% instead.



 1D8F8F

 1D8F8F

FFFFFF

 007575

 60C5C5

 005C5D

 7EE1E1

 004445

 9AFEFD

 002D2F

 B8FFFF

 00171A

 D5FFFF

 000000

 F3FFFF

 1D8F8F

 1D8F8F

 0F8F8F

 2B8F8F

■ 008F8F

■ 3A8F8F

■ 488F8F

■ 568F8F

■ 658F8F

■ 738F8F

■ 818F8F

■ 8F8F8F

■ 9E8F8F

# Harmonies

## Analogous

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



448E74



1D8F8F



168DA6

# Triad

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



1D8F8F



9675A5



9D7B4D

# Complementary

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



1D8F8F



8F1D1D

# 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.



AE725C



1D8F8F



AD6E8E

# Square

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



1D8F8F



727EB3



B56D73



84844D

# Rectangle

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



1D8F8F



3589B1



B56D73



A47851



# Sweetspot

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



1D8F8F



8DBABA



1D8F1D



435E5E



DEDEDE



5E5E5E



# Same Dimension

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



1D8F8F



07BABA



1D568F



404747



008787



000808



# Inverse Universe

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



8F1D8F



BA07BA



8F561D



474047



870087

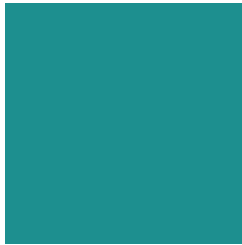


080008



# Previews

## White Background



This preview shows how the Hex color 1D8F8F looks on a white background.

## Color Contrast Check

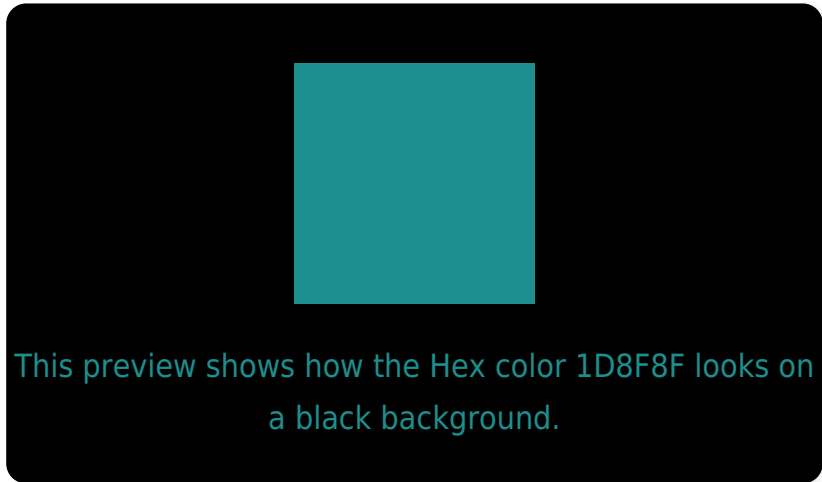
Large Text (above 18pt) WCAG AA ✓ Pass

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

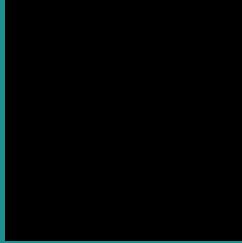
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1D8F8F Background



This preview shows how black text looks on a background with the Hex color 1D8F8F.

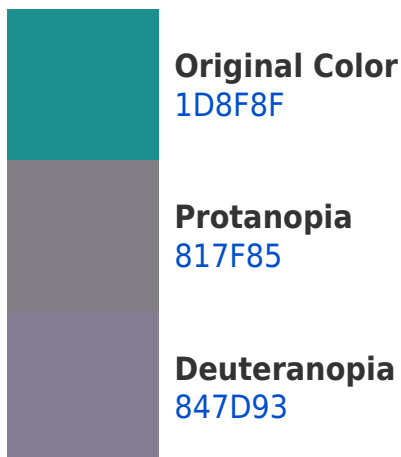


This preview shows how white text looks on a background with the Hex color 1D8F8F.

# 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**  
268D99

# Trichromacy



**Original Color**  
1D8F8F



**Protanomaly**  
5D8589



**Deuteranomaly**  
5F8492



**Tritanomaly**  
238E95

# Monochromacy



**Original Color**  
1D8F8F



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
507979

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D8F8F 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 #1D8F8F looks like.

```
.text, #text, p{  
    color:#1D8F8F  
}
```

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 #1D8F8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8F8F
}
```

## Border

The CSS property to change the border of an element to Hex 1D8F8F 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
#1D8F8F }
```

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

```
.border{ border-color:#1D8F8F }
```

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

Here you see how a box with a 4 pixel #1D8F8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8F8F; -webkit-box-shadow:4px 4px  
4px 4px #1D8F8F; box-shadow:4px 4px 4px  
4px #1D8F8F }
```

# Background

The CSS property to change the background color of an element to Hex 1D8F8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8F8F }
```

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

```
.background{ background-color:#1D8F8F }
```

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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