

# Converting Colors

Hex(1C8F9F)

Have a look what the booklet for  
Hex(1C8F9F) contains.

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# Color

Hex(1C8F9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C8F9F
RGB	28, 143, 159
RGB Percent	11%, 56%, 62%
CMY	0.8902, 0.4392, 0.3765
CMYK	0.82, 0.10, 0.00, 0.38
HSL	187°, 70%, 37%
HSV	187°, 82%, 62%
XYZ	16.5594, 22.3950, 36.2508
YIQ	110.4390, -73.6760, -19.4040

# Conversions

## Conversions Part 2

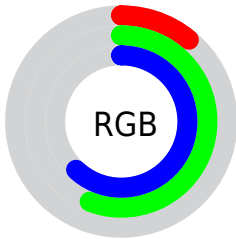
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 89, 159
Decimal	1871775
CIE <sub>Lab</sub>	54.44, -24.38, -17.16
CIE <sub>LCh</sub>	54, 29.814, 215.145
Yxy	22.3950, 0.2202, 0.2978
Android (android.graphics.Color)	4280061855 (0xFF1C8F9F)
YUV	110.4390, 23.9406, -72.2990
Hunter-Lab	47.3234, -20.3553, -12.2912




# Details

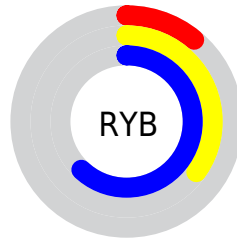
The Hex color **1C8F9F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F2C1C**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **62C5D6**, and **005C6C** is the 20% darker color. If you saturate the color by 10%, you get **0C8D9F**, and if you desaturate by 10%, it is **2C919F**.

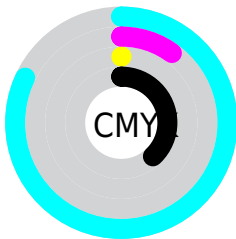
# Distribution







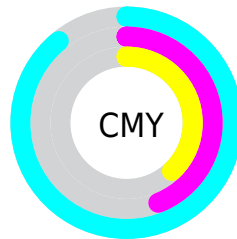
-  Red (11%)
-  Green (56%)
-  Blue (62%)






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



-  Cyan (82%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (38%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8F9F 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 1C8F9F by changing the saturation by 10% instead.



 1C8F9F

 1C8F9F

FFFFFF

 007585

 62C5D6

 005C6C

 80E1F2

 004453

 9DFEFF

 002E3C

 BAEFFF

 001A26

 D8FFFF

 000111

 F6FFFF

 000000

 1C8F9F

 1C8F9F

 0C8D9F

 2C919F

■ 008C9F

■ 3C939F

■ 4C959F

■ 5C979F

■ 6C999F

■ 7B9B9F

■ 8B9D9F

■ 9B9F9F

■ ABA09F

# Harmonies

## Analogous

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



339086



1C8F9F



398BB0

# Triad

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



1C8F9F



A67298



8F824E

# Complementary

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



1C8F9F



9F2C1C

# 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.



A57954



1C8F9F



B46E7F

# Square

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



1C8F9F



8B7AAC



B37166



738957

# Rectangle

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



1C8F9F



5686B5



B37166



977F4F



# Sweetspot

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



1C8F9F



9BC8CF



1C9F2B



496569



E8E8E8



696969



# Same Dimension

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



1C8F9F



02B6CF



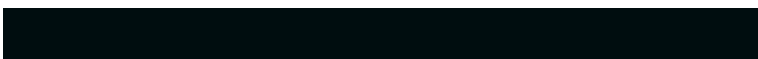
1C4E9F



474E4F



007D8F



000D0F



# Inverse Universe

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



9F1C8F



CF02B6



9F6D1C



4F474E



8F007D



0F000D



# Previews

## White Background



This preview shows how the Hex color 1C8F9F looks on a white background.

## Color Contrast Check

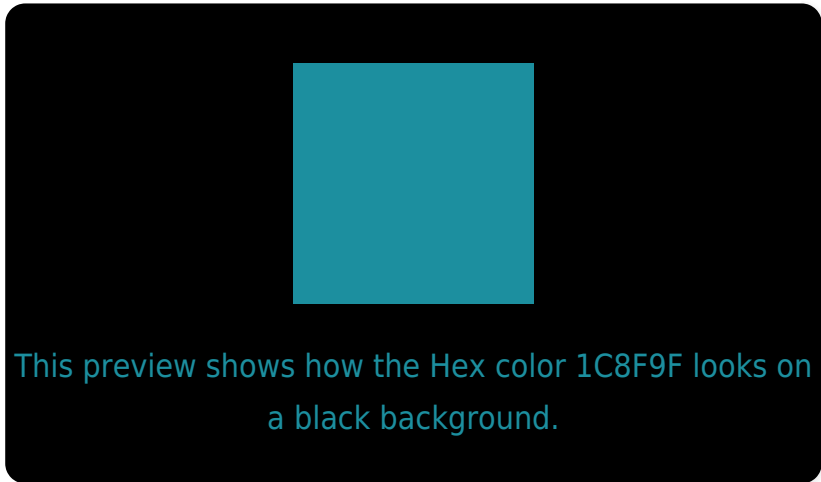
Large Text (above 18pt) WCAG AA ✓ Pass

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

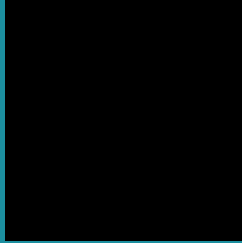
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C8F9F Background



This preview shows how black text looks on a background with the Hex color 1C8F9F.



This preview shows how white text looks on a background with the Hex color 1C8F9F.

# 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**  
17909B

# Trichromacy



**Original Color**  
1C8F9F

**Protanomaly**  
5A8599

**Deuteranomaly**  
5A85A2

**Tritanomaly**  
19909C

# Monochromacy



**Original Color**  
1C8F9F

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
507A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8F9F 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 #1C8F9F looks like.

```
.text, #text, p{  
    color:#1C8F9F  
}
```

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 #1C8F9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8F9F
}
```

## Border

The CSS property to change the border of an element to Hex 1C8F9F 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
#1C8F9F }
```

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

```
.border{ border-color:#1C8F9F }
```

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

Here you see how a box with a 4 pixel #1C8F9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8F9F; -webkit-box-shadow:4px 4px  
4px 4px #1C8F9F; box-shadow:4px 4px 4px  
4px #1C8F9F }
```

# Background

The CSS property to change the background color of an element to Hex 1C8F9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8F9F }
```

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

```
.background{ background-color:#1C8F9F }
```

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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