

# Converting Colors

Hex(189B9F)

Have a look what the booklet for  
Hex(189B9F) contains.

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# Color

Hex(189B9F)

# Conversions

## Conversions Part 1

Format	Color
Hex	189B9F
RGB	24, 155, 159
RGB Percent	9%, 61%, 62%
CMY	0.9059, 0.3922, 0.3765
CMYK	0.85, 0.03, 0.00, 0.38
HSL	182°, 74%, 36%
HSV	182°, 85%, 62%
XYZ	18.3560, 26.1401, 36.8790
YIQ	116.2870, -79.3600, -26.5280

# Conversions

## Conversions Part 2

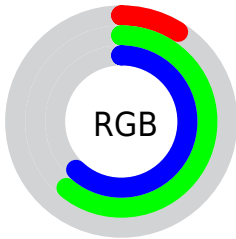
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 90, 159
Decimal	1612703
CIELab	58.17, -30.68, -11.53
CIELCh	58, 32.781, 200.601
Yxy	26.1401, 0.2256, 0.3212
Android (android.graphics.Color)	4279802783 (0xFF189B9F)
YUV	116.2870, 21.0575, -80.9357
Hunter-Lab	51.1274, -25.3868, -6.9776

# Details

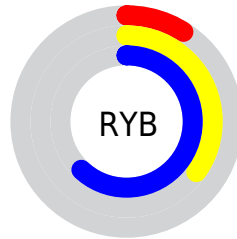
The Hex color **189B9F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9F1C18**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **62D2D6**, and **00676C** is the 20% darker color. If you saturate the color by 10%, you get **089B9F**, and if you desaturate by 10%, it is **289B9F**.

# Distribution



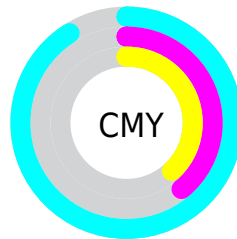
- Red (9%)
- Green (61%)
- Blue (62%)



- Red (9%)
- Yellow (35%)
- Blue (62%)



- Cyan (85%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (39%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 189B9F 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 189B9F by changing the saturation by 10% instead.





189B9F



189B9F

FFFFFF



008185



62D2D6



00676C



80EEF2



004F53



9EFFFF



00373C



BBFFFF



002327



D9FFFF



000112



F8FFFF



000000



189B9F



189B9F



089B9F



289B9F

009A9F

389C9F

489C9F

589D9F

689D9F

779E9F

879E9F

979F9F

A79F9F

# Harmonies

## Analogous

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



449B81



189B9F



1D98B7

# Triad

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



189B9F



A77DB1



A78753

# Complementary

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



189B9F



9F1C18

# 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.



BB7D61



189B9F



BE7696

# Square

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



189B9F



8288C1



C47679



8B9055

# Rectangle

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



189B9F



4194C1



C47679



AF8456



# Sweetspot

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



189B9F



9BCDCF



189F1A



496869



E8E8E8



696969

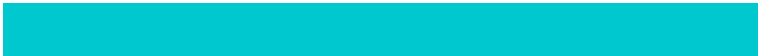


# Same Dimension

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



189B9F



00C8CF



18599F



474F4F



008B8F



000F0F



# Inverse Universe

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



9F189B



CF00C8



9F5E18



4F474F



8F008B

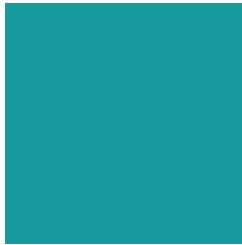


0F000F



# Previews

## White Background



This preview shows how the Hex color 189B9F looks on a white background.

## Color Contrast Check

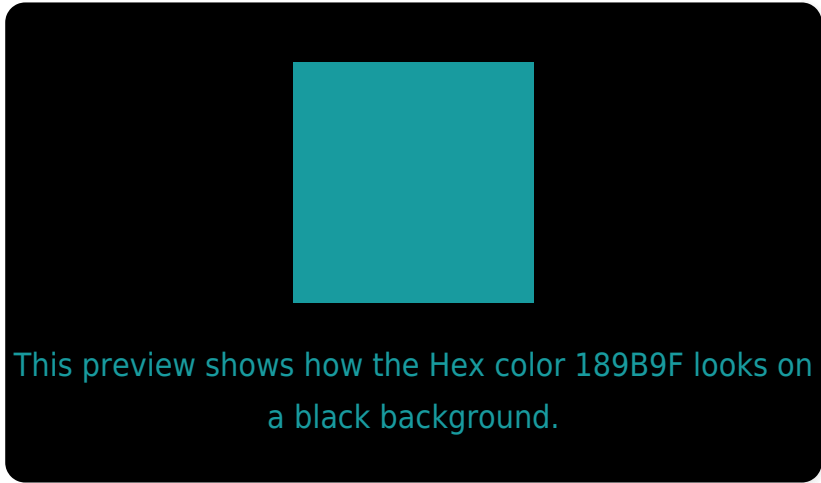
Large Text (above 18pt) WCAG AA ✓ Pass

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

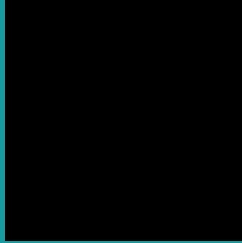
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 189B9F Background



This preview shows how black text looks on a background with the Hex color 189B9F.

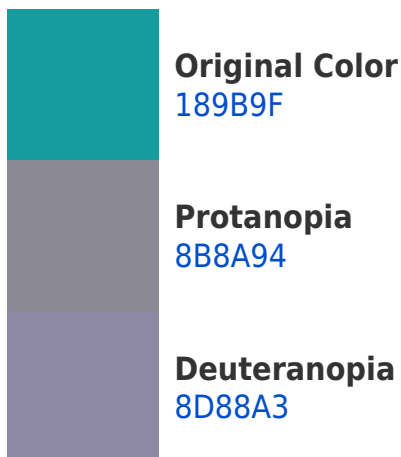


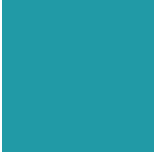
This preview shows how white text looks on a background with the Hex color 189B9F.

# 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**  
219AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 189B9F 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 #189B9F looks like.

```
.text, #text, p{  
    color:#189B9F  
}
```

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 #189B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189B9F
}
```

## Border

The CSS property to change the border of an element to Hex 189B9F 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
#189B9F }
```

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

```
.border{ border-color:#189B9F }
```

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

Here you see how a box with a 4 pixel #189B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189B9F; -webkit-box-shadow:4px 4px  
4px 4px #189B9F; box-shadow:4px 4px 4px  
4px #189B9F }
```

# Background

The CSS property to change the background color of an element to Hex 189B9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189B9F }
```

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

```
.background{ background-color:#189B9F }
```

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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