

# Converting Colors

Hex(189797)

Have a look what the booklet for  
Hex(189797) contains.

<b>Hex(189797)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(189797)

# Conversions

## Conversions Part 1

Format	Color
Hex	189797
RGB	24, 151, 151
RGB Percent	9%, 59%, 59%
CMY	0.9059, 0.4078, 0.4078
CMYK	0.84, 0.00, 0.00, 0.41
HSL	180°, 73%, 34%
HSV	180°, 84%, 59%
XYZ	17.0292, 24.5618, 33.1215
YIQ	113.0270, -75.6920, -26.9240

# Conversions

## Conversions Part 2

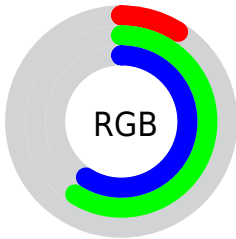
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 88, 151
Decimal	1611671
CIE <sub>Lab</sub>	56.65, -31.25, -9.26
CIE <sub>LCh</sub>	57, 32.596, 196.496
Yxy	24.5618, 0.2279, 0.3288
Android (android.graphics.Color)	4279801751 (0xFF189797)
YUV	113.0270, 18.7207, -78.0767
Hunter-Lab	49.5598, -25.3955, -4.9324

# Details

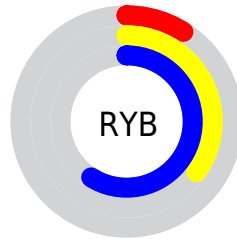
The Hex color **189797** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **971818**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **60CECD**, and **006364** is the 20% darker color. If you saturate the color by 10%, you get **099797**, and if you desaturate by 10%, it is **279797**.

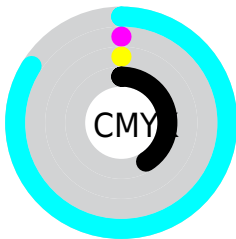
# Distribution



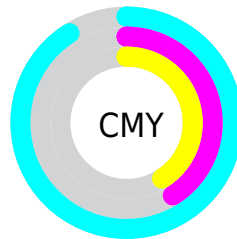
- Red (9%)
- Green (59%)
- Blue (59%)



- Red (9%)
- Yellow (35%)
- Blue (59%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (41%)



- Cyan (91%)
- Magenta (41%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 189797 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 189797 by changing the saturation by 10% instead.



 189797

 189797

FFFFFF

 007D7D

 60CECD

 006364

 7EEAE9

 004B4C

 9CFFFF

 003436

 B9FFFF

 002020

 D7FFFF

 000008

 F5FFFF

 000000

 189797

 189797

 099797

 279797

■ 009797

■ 369797

■ 459797

■ 549797

■ 649797

■ 739797

■ 829797

■ 919797

■ A09797

# Harmonies

## Analogous

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



46967A



189797



0C95B0

# Triad

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



189797



9F7BAF



A68251

# Complementary

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



189797



971818

# 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.



B97860



189797



B77396

# Square

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



189797



7885BE



BF7279



8B8B51

# Rectangle

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



189797



3591BB



BF7279



AD7E54



# Sweetspot

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



189797



93C4C4



189718



466363



E3E3E3



636363



# Same Dimension

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



189797



00C4C4



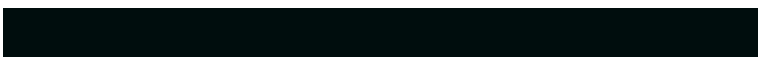
185897



454D4D



008C8C



000D0D



# Inverse Universe

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



971897



C400C4



975818



4D454D



8C008C

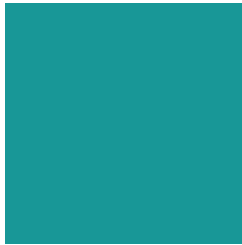


0D000D



# Previews

## White Background



This preview shows how the Hex color 189797 looks on a white background.

## Color Contrast Check

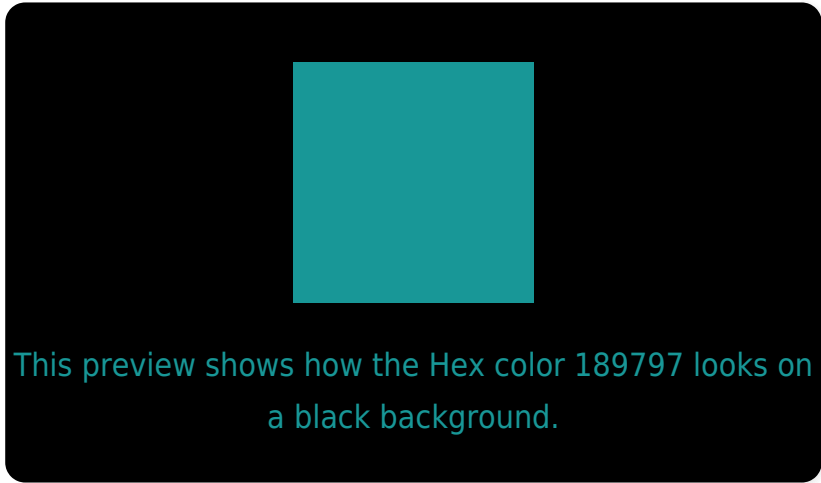
Large Text (above 18pt) WCAG AA ✓ Pass

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

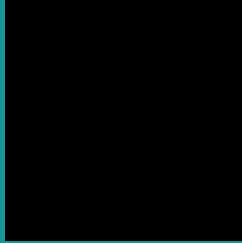
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 189797 Background



This preview shows how black text looks on a background with the Hex color 189797.

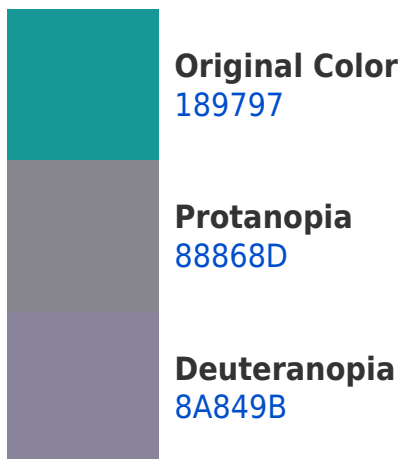


This preview shows how white text looks on a background with the Hex color 189797.

# 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**  
2395A2

# Trichromacy



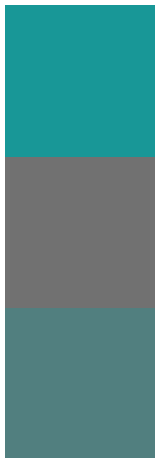
**Original Color**  
189797

**Protanomaly**  
5F8C91

**Deuteranomaly**  
618B9A

**Tritanomaly**  
1F969E

# Monochromacy



**Original Color**  
189797

**Achromatopsia**  
717171

**Achromatomaly**  
517F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 189797 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 #189797 looks like.

```
.text, #text, p{  
    color:#189797  
}
```

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 #189797 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189797
}
```

## Border

The CSS property to change the border of an element to Hex 189797 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
#189797 }
```

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

```
.border{ border-color:#189797 }
```

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

Here you see how a box with a 4 pixel #189797 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189797; -webkit-box-shadow:4px 4px  
4px 4px #189797; box-shadow:4px 4px 4px  
4px #189797 }
```

# Background

The CSS property to change the background color of an element to Hex 189797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189797 }
```

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

```
.background{ background-color:#189797 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor