

# Converting Colors

Hex(189595)

Have a look what the booklet for  
Hex(189595) contains.

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# Color

Hex(189595)

# Conversions

## Conversions Part 1

Format	Color
Hex	189595
RGB	24, 149, 149
RGB Percent	9%, 58%, 58%
CMY	0.9059, 0.4157, 0.4157
CMYK	0.84, 0.00, 0.00, 0.42
HSL	180°, 72%, 34%
HSV	180°, 84%, 58%
XYZ	16.5490, 23.8590, 32.1668
YIQ	111.6250, -74.5000, -26.5000

# Conversions

## Conversions Part 2

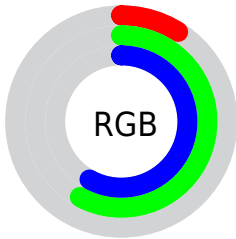
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 87, 149
Decimal	1611157
CIE <sub>Lab</sub>	55.95, -30.91, -9.16
CIE <sub>LCh</sub>	56, 32.242, 196.500
Yxy	23.8590, 0.2280, 0.3288
Android (android.graphics.Color)	4279801237 (0xFF189595)
YUV	111.6250, 18.4259, -76.8471
Hunter-Lab	48.8457, -25.0040, -4.8528

# Details

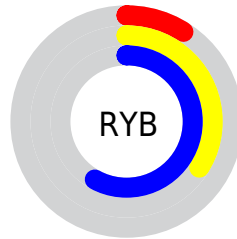
The Hex color **189595** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **951818**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **60CCCB**, and **006262** is the 20% darker color. If you saturate the color by 10%, you get **099595**, and if you desaturate by 10%, it is **279595**.

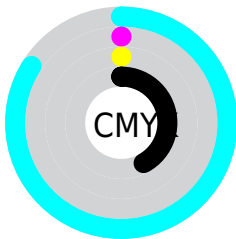
# Distribution



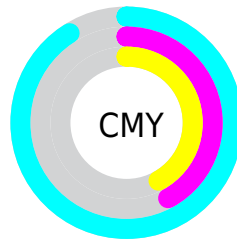
- Red (9%)
- Green (58%)
- Blue (58%)



- Red (9%)
- Yellow (34%)
- Blue (58%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (42%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 189595 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 189595 by changing the saturation by 10% instead.



 189595

 189595

FFFFFF

 007B7B

 60CCCB

 006262

 7EE8E7

 00494B

 9BFFFF

 003234

 B8FFFF

 001E1F

 D6FFFF

 000005

 F4FFFF

 000000

 189595

 189595

 099595

 279595

■ 009595

■ 369595

■ 459595

■ 549595

■ 639595

■ 719595

■ 809595

■ 8F9595

■ 9E9595

# Harmonies

## Analogous

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



459478



189595



0D93AE

# Triad

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



189595



9D79AD



A48050

# Complementary

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



189595



951818

# 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.



B6775F



189595



B57294

# Square

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



189595



7683BC



BD7178



89894F

# Rectangle

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



189595



348FB9



BD7178



AB7D53



# Sweetspot

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



189595



91C2C2



189518



446161



E0E0E0



616161



# Same Dimension

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



189595



00C2C2



185795



434A4A



008A8A



000A0A



# Inverse Universe

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



951895



C200C2



955718



4A434A



8A008A

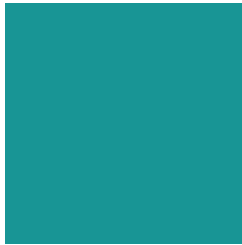


0A000A



# Previews

## White Background



This preview shows how the Hex color 189595 looks on a white background.

## Color Contrast Check

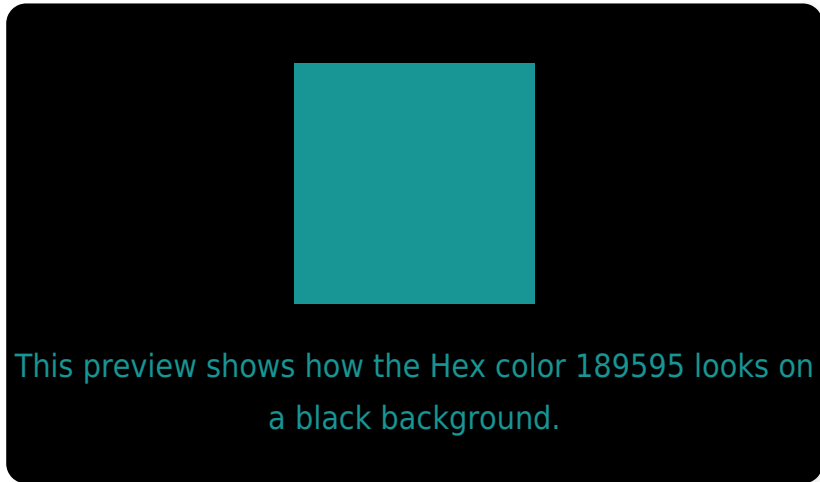
Large Text (above 18pt) WCAG AA ✓ Pass

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

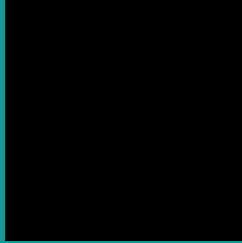
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 189595 Background



This preview shows how black text looks on a background with the Hex color 189595.

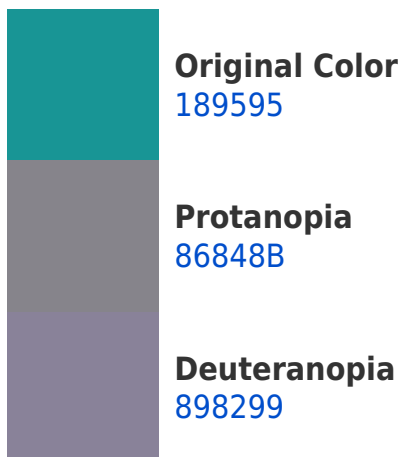


This preview shows how white text looks on a background with the Hex color 189595.

# 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**  
23939F

# Trichromacy



**Original Color**  
189595



**Protanomaly**  
5E8A8F



**Deuteranomaly**  
608998



**Tritanomaly**  
1F949B

# Monochromacy



**Original Color**  
189595



**Achromatopsia**  
707070



**Achromatomaly**  
507D7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 189595 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 #189595 looks like.

```
.text, #text, p{  
    color:#189595  
}
```

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 #189595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189595
}
```

## Border

The CSS property to change the border of an element to Hex 189595 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
#189595 }
```

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

```
.border{ border-color:#189595 }
```

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

Here you see how a box with a 4 pixel #189595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189595; -webkit-box-shadow:4px 4px  
4px 4px #189595; box-shadow:4px 4px 4px  
4px #189595 }
```

# Background

The CSS property to change the background color of an element to Hex 189595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189595 }
```

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

```
.background{ background-color:#189595 }
```

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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