

Converting Colors

Hex(189B86)

Have a look what the booklet for
Hex(189B86) contains.

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Color

Hex(189B86)

Conversions

Conversions Part 1

Format	Color
Hex	189B86
RGB	24, 155, 134
RGB Percent	9%, 61%, 53%
CMY	0.9059, 0.3922, 0.4745
CMYK	0.85, 0.00, 0.14, 0.39
HSL	170°, 73%, 35%
HSV	170°, 85%, 61%
XYZ	16.4011, 25.3581, 26.5844
YIQ	113.4370, -71.3350, -34.3030

Conversions

Conversions Part 2

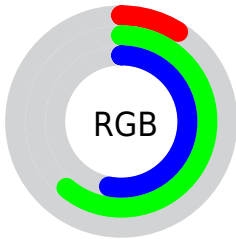
Format	Color
RYB	24, 95, 155
Decimal	1612678
CIELab	57.42, -38.11, 1.59
CIELCh	57, 38.145, 177.614
Yxy	25.3581, 0.2400, 0.3710
Android (android.graphics.Color)	4279802758 (0xFF189B86)
YUV	113.4370, 10.1376, -78.4362
Hunter-Lab	50.3568, -29.9874, 3.9493

Details

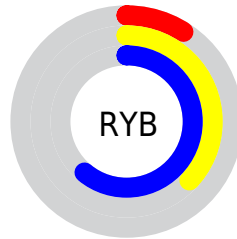
The Hex color **189B86** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B182D**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **60D2BB**, and **006755** is the 20% darker color. If you saturate the color by 10%, you get **089B84**, and if you desaturate by 10%, it is **289B88**.

Distribution



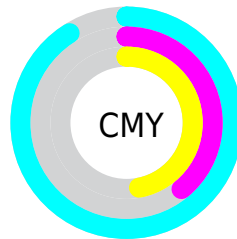
- Red (9%)
- Green (61%)
- Blue (53%)



- Red (9%)
- Yellow (37%)
- Blue (61%)



- Cyan (85%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (91%)
- Magenta (39%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 189B86 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 189B86 by changing the saturation by 10% instead.

 189B86

 189B86

FFFFFF

 00816D

 60D2BB

 006755

 7DEFD7

 004E3D

 9AFFF3

 003628

 B8FFF

 002213

 D5FFF

 000000

 F3FFF

 189B86

 189B86

 089B84

 289B88

■ 009B82

■ 379B8B

■ 469B8D

■ 569B90

■ 659B92

■ 759B95

■ 849B97

■ 949B9A

■ A49B9C

Harmonies

Analogous

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



579865



189B86



009BA8

Triad

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



189B86



8982C5



BB7B52

Complementary

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



189B86



9B182D

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.



C9716D



189B86



B176AE

Square

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



189B86



4E8ECC



C66F8E



A18746

Rectangle

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



189B86



0098BA



C66F8E



C1775A

Sweetspot

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



189B86



97C9C1



2E9B18



476661



E6E6E6



666666

Same Dimension

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



189B86



00C9A9



186F9B



454D4B



008C76



000D0B

Inverse Universe

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



9B182D



C90020



9B4418



4D4546



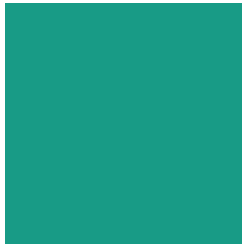
8C0016



0D0002

Previews

White Background



This preview shows how the Hex color 189B86 looks on a white background.

Color Contrast Check

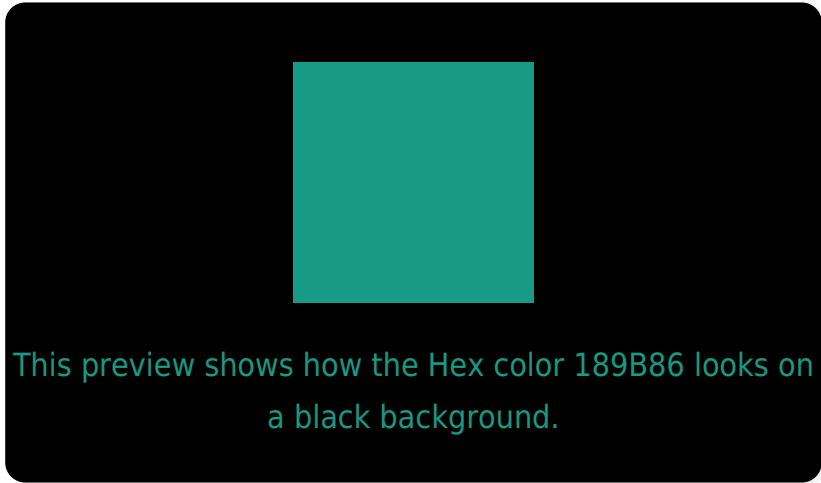
Large Text (above 18pt) WCAG AA ✓ Pass

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

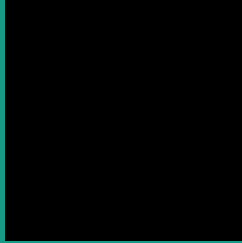
Any Text WCAG AA ✓ Pass

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 189B86 Background



This preview shows how black text looks on a background with the Hex color 189B86.

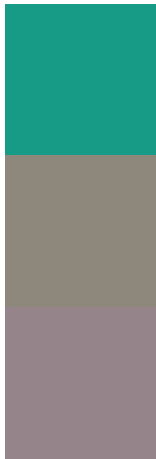


This preview shows how white text looks on a background with the Hex color 189B86.

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



Original Color
189B86

Protanopia
8E887C

Deuteranopia
95858B



Tritanopia
2F97A3

Trichromacy



Original Color
189B86



Protanomaly
638F80



Deuteranomaly
688D89



Tritanomaly
279898

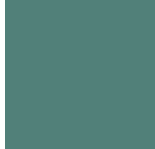
Monochromacy



Original Color
189B86



Achromatopsia
717171



Achromatomaly
518079

CSS Examples

Text

The CSS property to change the color of the text to Hex 189B86 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 #189B86 looks like.

```
.text, #text, p{  
    color:#189B86  
}
```

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 #189B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #189B86
}
```

Border

The CSS property to change the border of an element to Hex 189B86 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
#189B86 }
```

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

```
.border{ border-color:#189B86 }
```

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

Here you see how a box with a 4 pixel #189B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #189B86; -webkit-box-shadow:4px 4px  
4px 4px #189B86; box-shadow:4px 4px 4px  
4px #189B86 }
```

Background

The CSS property to change the background color of an element to Hex 189B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#189B86 }
```

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

```
.background{ background-color:#189B86 }
```

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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