

Converting Colors

Hex(19BB8D)

Have a look what the booklet for
Hex(19BB8D) contains.

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Color

Hex(19BB8D)

Conversions

Conversions Part 1

Format	Color
Hex	19BB8D
RGB	25, 187, 141
RGB Percent	10%, 73%, 55%
CMY	0.9020, 0.2667, 0.4471
CMYK	0.87, 0.00, 0.25, 0.27
HSL	163°, 76%, 42%
HSV	163°, 87%, 73%
XYZ	22.9789, 37.6704, 31.2593
YIQ	133.3180, -81.7860, -48.6500

Conversions

Conversions Part 2

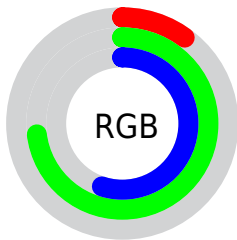
Format	Color
RYB	25, 119, 187
Decimal	1686413
CIELab	67.78, -49.63, 12.51
CIELCh	68, 51.176, 165.856
Yxy	37.6704, 0.2500, 0.4099
Android (android.graphics.Color)	4279876493 (0xFF19BB8D)
YUV	133.3180, 3.7872, -94.9949
Hunter-Lab	61.3762, -40.5789, 12.7666

Details

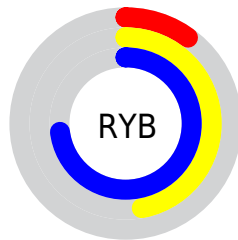
The Hex color **19BB8D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BB1947**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67F4C3**, and **00855B** is the 20% darker color. If you saturate the color by 10%, you get **06BB88**, and if you desaturate by 10%, it is **2CBB92**.

Distribution



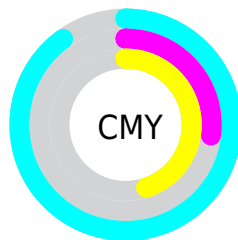
- Red (10%)
- Green (73%)
- Blue (55%)



- Red (10%)
- Yellow (47%)
- Blue (73%)



- Cyan (87%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (90%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19BB8D 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 19BB8D by changing the saturation by 10% instead.

 19BB8D

 19BB8D

FFFFFF

 009F73

 67F4C3

 00855B

 86FFDF

 006A43

 A5FFFB

 00512D

 C3FFFF

 003918

 E1FFFF

 002200

 000000

 19BB8D

 19BB8D

 06BB88

 2CBB92

 00BB86

 3EBB98

 51BB9D

 64BBA2

 76BBA8

 89BBAD

 9CBBB2

 AFB BB7

 C1BBBD

Harmonies

Analogous

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



74B562



19BB8D



00BCBD

Triad

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



19BB8D



83A2FE



F08A65

Complementary

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



19BB8D



BB1947

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.



FC7E8E



19BB8D



C88FE6

Square

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



19BB8D



00B0FE



EF81BD



D39B4A

Rectangle

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



19BB8D



00BBDA



EF81BD



F78571

Sweetspot

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



19BB8D



B3F2E0



4ABB19



547A70



FAFAFA



7A7A7A

Same Dimension

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



19BB8D



00F2AD



199BBB



555E5C



009E71



001F16

Inverse Universe

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



BB1947



F20045



BB3919



5E5558



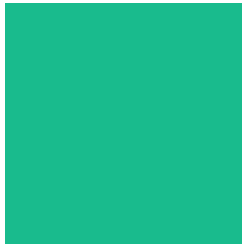
9E002D



1F0009

Previews

White Background



This preview shows how the Hex color 19BB8D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 19BB8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

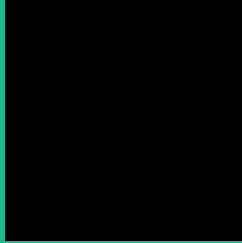
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 19BB8D Background



This preview shows how black text looks on a background with the Hex color 19BB8D.

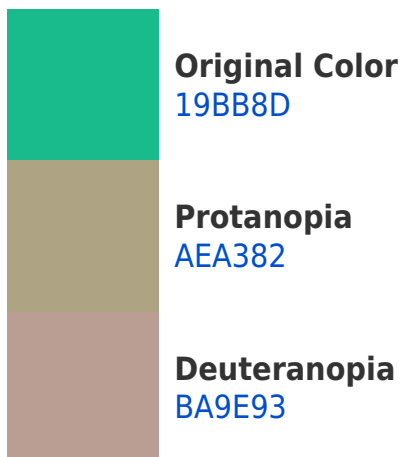


This preview shows how white text looks on a background with the Hex color 19BB8D.

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
3FB4C3

Trichromacy



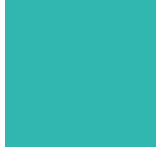
Original Color
19BB8D



Protanomaly
78AC86



Deuteranomaly
7FA991



Tritanomaly
31B7AF

Monochromacy



Original Color
19BB8D



Achromatopsia
858585



Achromatomaly
5E9988

CSS Examples

Text

The CSS property to change the color of the text to Hex 19BB8D 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 #19BB8D looks like.

```
.text, #text, p{  
    color:#19BB8D  
}
```

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 #19BB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19BB8D
}
```

Border

The CSS property to change the border of an element to Hex 19BB8D 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
#19BB8D }
```

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

```
.border{ border-color:#19BB8D }
```

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

Here you see how a box with a 4 pixel #19BB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19BB8D; -webkit-box-shadow:4px 4px  
4px 4px #19BB8D; box-shadow:4px 4px 4px  
4px #19BB8D }
```

Background

The CSS property to change the background color of an element to Hex 19BB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19BB8D }
```

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

```
.background{ background-color:#19BB8D }
```

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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