

Converting Colors

Hex(18B8B8)

Have a look what the booklet for
Hex(18B8B8) contains.

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Color

Hex(18B8B8)

Conversions

Conversions Part 1

Format	Color
Hex	18B8B8
RGB	24, 184, 184
RGB Percent	9%, 72%, 72%
CMY	0.9059, 0.2784, 0.2784
CMYK	0.87, 0.00, 0.00, 0.28
HSL	180°, 77%, 41%
HSV	180°, 87%, 72%
XYZ	26.1689, 37.9359, 51.2905
YIQ	136.1600, -95.3600, -33.9200

Conversions

Conversions Part 2

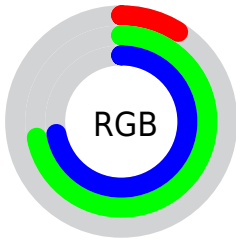
Format	Color
RYB	24, 104, 184
Decimal	1620152
CIELab	67.97, -36.68, -10.83
CIELCh	68, 38.245, 196.458
Yxy	37.9359, 0.2268, 0.3287
Android (android.graphics.Color)	4279810232 (0xFF18B8B8)
YUV	136.1600, 23.5851, -98.3643
Hunter-Lab	61.5921, -31.9461, -6.2590

Details

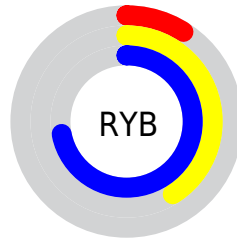
The Hex color **18B8B8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B81818**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6AF1F0**, and **008283** is the 20% darker color. If you saturate the color by 10%, you get **06B8B8**, and if you desaturate by 10%, it is **2AB8B8**.

Distribution



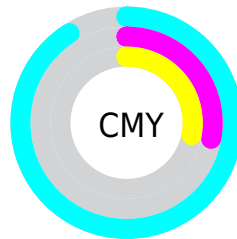
- Red (9%)
- Green (72%)
- Blue (72%)



- Red (9%)
- Yellow (41%)
- Blue (72%)



- Cyan (87%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (91%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B8B8 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 18B8B8 by changing the saturation by 10% instead.

 18B8B8

 18B8B8

FFFFFF

 009D9D

 6AF1F0

 008283

 89FFFF

 00686A

 A8FFFF

 005052

 C7FFFF

 00383B

 E5FFFF

 002425

 000111

 000000

 18B8B8

 18B8B8

06B8B8

2AB8B8

00B8B8

3DB8B8

4FB8B8

62B8B8

74B8B8

86B8B8

99B8B8

ABB8B8

BEB8B8

Harmonies

Analogous

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



55B794



18B8B8



00B5D7

Triad

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



18B8B8



C196D5



CA9E62

Complementary

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



18B8B8



B81818

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.



E19275



18B8B8



DF8CB7

Square

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



18B8B8



92A2E8



E98B94



A9AA62

Rectangle

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



18B8B8



3EB1E4



E98B94



D39A67

Sweetspot

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



18B8B8



B1F0F0



18B818



537878



F7F7F7



787878

Same Dimension

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



18B8B8



00F0F0



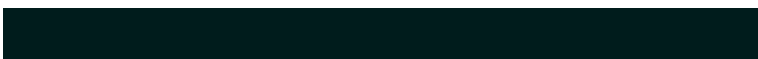
1868B8



535C5C



009C9C



001C1C

Inverse Universe

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



B818B8



F000F0



B86818



5C535C



9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 18B8B8 looks on a white background.

Color Contrast Check

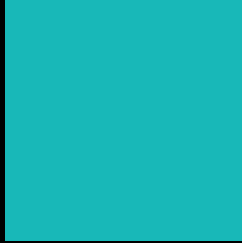
Large Text (above 18pt) WCAG AA × Fail

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 18B8B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

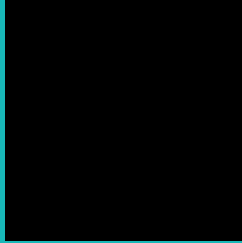
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

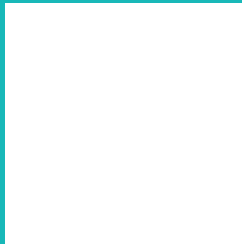
Any Text WCAG AAA ✓ Pass

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

Hex 18B8B8 Background



This preview shows how black text looks on a background with the Hex color 18B8B8.

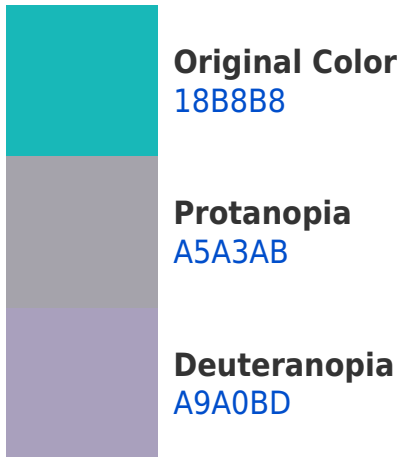


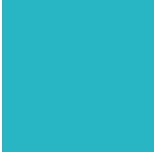
This preview shows how white text looks on a background with the Hex color 18B8B8.

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
28B6C5

Trichromacy



Original Color
18B8B8



Protanomaly
72ABB0



Deuteranomaly
74A9BB



Tritanomaly
22B7C0

Monochromacy



Original Color
18B8B8



Achromatopsia
888888



Achromatomaly
5F9999

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B8B8 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 #18B8B8 looks like.

```
.text, #text, p{  
    color:#18B8B8  
}
```

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 #18B8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B8B8
}
```

Border

The CSS property to change the border of an element to Hex 18B8B8 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
#18B8B8 }
```

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

```
.border{ border-color:#18B8B8 }
```

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

Here you see how a box with a 4 pixel #18B8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B8B8; -webkit-box-shadow:4px 4px  
4px 4px #18B8B8; box-shadow:4px 4px 4px  
4px #18B8B8 }
```

Background

The CSS property to change the background color of an element to Hex 18B8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B8B8 }
```

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

```
.background{ background-color:#18B8B8 }
```

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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