

Converting Colors

Hex(18B2BF)

Have a look what the booklet for
Hex(18B2BF) contains.

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Color

Hex(18B2BF)

Conversions

Conversions Part 1

Format	Color
Hex	18B2BF
RGB	24, 178, 191
RGB Percent	9%, 70%, 75%
CMY	0.9059, 0.3020, 0.2510
CMYK	0.87, 0.07, 0.00, 0.25
HSL	185°, 78%, 42%
HSV	185°, 87%, 75%
XYZ	25.7011, 35.7966, 54.8451
YIQ	133.4360, -95.9570, -28.6050

Conversions

Conversions Part 2

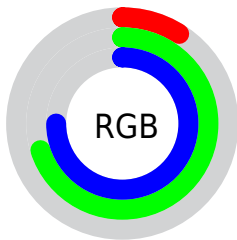
Format	Color
RYB	24, 104, 191
Decimal	1618623
CIELab	66.36, -31.69, -17.12
CIELCh	66, 36.022, 208.384
Yxy	35.7966, 0.2209, 0.3077
Android (android.graphics.Color)	4279808703 (0xFF18B2BF)
YUV	133.4360, 28.3791, -95.9754
Hunter-Lab	59.8302, -28.0253, -12.4687

Details

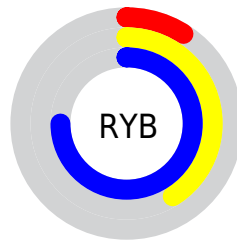
The Hex color **18B2BF** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **BF2518**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **6AEAF7**, and **007D8A** is the 20% darker color. If you saturate the color by 10%, you get **05B1BF**, and if you desaturate by 10%, it is **2BB3BF**.

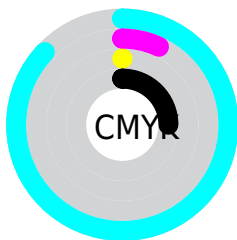
Distribution



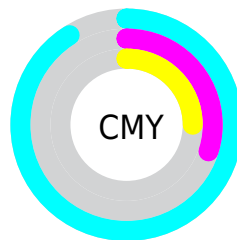
- Red (9%)
- Green (70%)
- Blue (75%)



- Red (9%)
- Yellow (41%)
- Blue (75%)



- Cyan (87%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18B2BF 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 18B2BF by changing the saturation by 10% instead.

 18B2BF

 18B2BF

FFFFFF

 0097A4

 6AEAF7

 007D8A

 89FFFF

 006370

 A8FFFF

 004B58

 C7FFFF

 003340

 E5FFFF

 00202A

 000116

 000000

 18B2BF

 18B2BF

■ 05B1BF

■ 2BB3BF

■ 00B0BF

■ 3EB5BF

■ 51B6BF

■ 64B8BF

■ 78B9BF

■ 8BBBBF

■ 9EBCBF

■ B1EBBF

■ C4BFBF

Harmonies

Analogous

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



45B39E



18B2BF



35AED8

Triad

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



18B2BF



C98EC4



B89F60

Complementary

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



18B2BF



BF2518

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.



D2946B



18B2BF



DD88A4

Square

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



18B2BF



A39ADA



E08B84



97A967

Rectangle

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



18B2BF



5CA8E0



E08B84



C29B62

Sweetspot

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



18B2BF



B7F2F7



18BF23



567A7D



FCFCFC



7D7D7D

Same Dimension

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



18B2BF



00E4F7



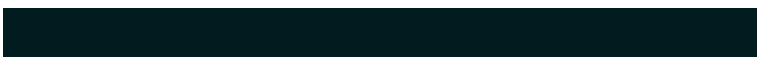
1860BF



555E5E



00929E



001C1F

Inverse Universe

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



BF18B2



F700E4



BF7718



5E555E



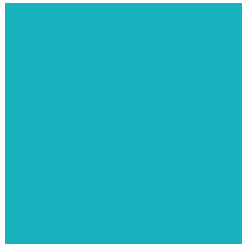
9E0092



1F001C

Previews

White Background



This preview shows how the Hex color 18B2BF 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 18B2BF 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

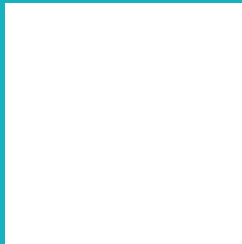
Any Text WCAG AAA ✓ Pass

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

Hex 18B2BF Background



This preview shows how black text looks on a background with the Hex color 18B2BF.

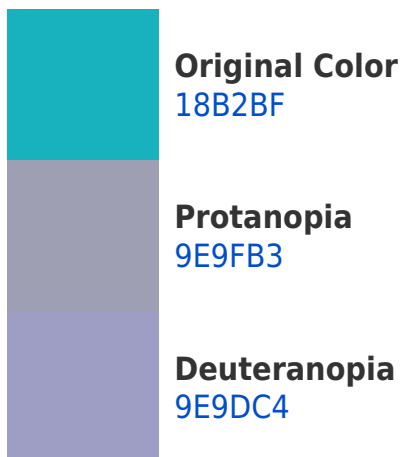


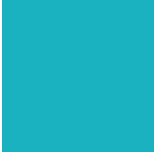
This preview shows how white text looks on a background with the Hex color 18B2BF.

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





Trichromacy



Original Color
18B2BF



Protanomaly
6DA6B7



Deuteranomaly
6DA5C2



Tritanomaly
19B2C0

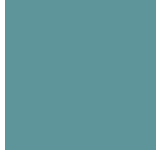
Monochromacy



Original Color
18B2BF



Achromatopsia
858585



Achromatomaly
5D959A

CSS Examples

Text

The CSS property to change the color of the text to Hex 18B2BF 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 #18B2BF looks like.

```
.text, #text, p{  
    color:#18B2BF  
}
```

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 #18B2BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18B2BF
}
```

Border

The CSS property to change the border of an element to Hex 18B2BF 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
#18B2BF }
```

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

```
.border{ border-color:#18B2BF }
```

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

Here you see how a box with a 4 pixel #18B2BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18B2BF; -webkit-box-shadow:4px 4px  
4px 4px #18B2BF; box-shadow:4px 4px 4px  
4px #18B2BF }
```

Background

The CSS property to change the background color of an element to Hex 18B2BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18B2BF }
```

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

```
.background{ background-color:#18B2BF }
```

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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