

Converting Colors

Hex(11BD8D)

Have a look what the booklet for
Hex(11BD8D) contains.

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Color

Hex(**11BD8D**)

Conversions

Conversions Part 1

Format	Color
Hex	11BD8D
RGB	17, 189, 141
RGB Percent	7%, 74%, 55%
CMY	0.9333, 0.2588, 0.4471
CMYK	0.91, 0.00, 0.25, 0.26
HSL	163°, 83%, 40%
HSV	163°, 91%, 74%
XYZ	23.2365, 38.4375, 31.3938
YIQ	132.1000, -87.1040, -51.3920

Conversions

Conversions Part 2

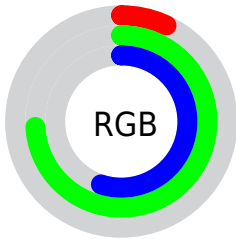
Format	Color
RYB	17, 117, 189
Decimal	1162637
CIELab	68.34, -50.90, 13.29
CIELCh	68, 52.607, 165.367
Yxy	38.4375, 0.2497, 0.4130
Android (android.graphics.Color)	4279352717 (0xFF11BD8D)
YUV	132.1000, 4.3877, -100.9427
Hunter-Lab	61.9979, -41.5956, 13.3760

Details

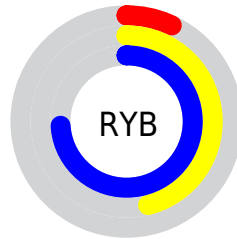
The Hex color **11BD8D** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD1141**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **65F6C3**, and **00865B** is the 20% darker color. If you saturate the color by 10%, you get **00BD88**, and if you desaturate by 10%, it is **24BD92**.

Distribution



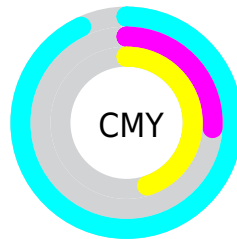
- Red (7%)
- Green (74%)
- Blue (55%)



- Red (7%)
- Yellow (46%)
- Blue (74%)



- Cyan (91%)
- Magenta (0%)
- Yellow (25%)
- Black (26%)



- Cyan (93%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 11BD8D 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 11BD8D by changing the saturation by 10% instead.

 11BD8D

 11BD8D

FFFFFF

 00A173

 65F6C3

 00865B

 85FFDF

 006C43

 A3FFFB

 00532D

 C1FFFF

 003A18

 E0FFFF

 002400

 000000

 11BD8D

 11BD8D

 00BD88

 24BD92

 37BD98

 4ABD9D

 5DBDA2

 70BDA7

 82BDAD

 95BDB2

 A8BDB7

 BBBDBC

Harmonies

Analogous

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



75B761



11BD8D



00BFBE

Triad

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



11BD8D



82A3FF



F48A65

Complementary

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



11BD8D



BD1141

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.



FF7E90



11BD8D



C990EA

Square

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



11BD8D



00B2FF



F281C0



D69C49

Rectangle

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



11BD8D



00BDDC



F281C0



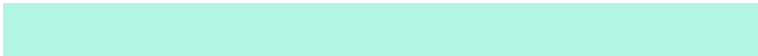
FB8572

Sweetspot

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



11BD8D



B3F5E2



42BD11



537A6F



FAFAFA



7A7A7A

Same Dimension

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



11BD8D



00F5B0



1198BD



555E5C



009E72



001F16

Inverse Universe

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



BD1141



F50044



BD3611



5E5558



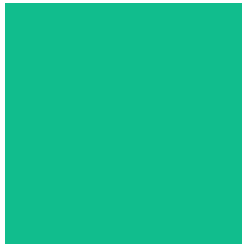
9E002C



1F0009

Previews

White Background



This preview shows how the Hex color 11BD8D 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 11BD8D 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 11BD8D Background



This preview shows how black text looks on a background with the Hex color 11BD8D.

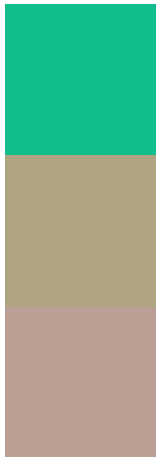


This preview shows how white text looks on a background with the Hex color 11BD8D.

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](#).

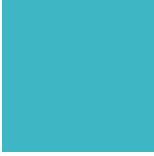
Dichromacy



Original Color
11BD8D

Protanopia
B0A582

Deuteranopia
BC9F94



Tritanopia
3EB6C4

Trichromacy



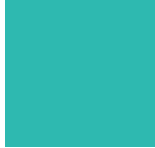
Original Color
11BD8D



Protanomaly
76AE86



Deuteranomaly
7EAA91



Tritanomaly
2EB9B0

Monochromacy



Original Color
11BD8D



Achromatopsia
848484



Achromatomaly
5A9987

CSS Examples

Text

The CSS property to change the color of the text to Hex 11BD8D 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 #11BD8D looks like.

```
.text, #text, p{  
    color:#11BD8D  
}
```

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 #11BD8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11BD8D
}
```

Border

The CSS property to change the border of an element to Hex 11BD8D 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
#11BD8D }
```

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

```
.border{ border-color:#11BD8D }
```

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

Here you see how a box with a 4 pixel #11BD8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11BD8D; -webkit-box-shadow:4px 4px  
4px 4px #11BD8D; box-shadow:4px 4px 4px  
4px #11BD8D }
```

Background

The CSS property to change the background color of an element to Hex 11BD8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11BD8D }
```

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

```
.background{ background-color:#11BD8D }
```

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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