

# Converting Colors

Hex(11AB84)

Have a look what the booklet for  
Hex(11AB84) contains.

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# Color

Hex(11AB84)

# Conversions

## Conversions Part 1

Format	Color
Hex	11AB84
RGB	17, 171, 132
RGB Percent	7%, 67%, 52%
CMY	0.9333, 0.3294, 0.4824
CMYK	0.90, 0.00, 0.23, 0.33
HSL	165°, 82%, 37%
HSV	165°, 90%, 67%
XYZ	18.9589, 30.9109, 26.7970
YIQ	120.5080, -79.2650, -44.7770

# Conversions

## Conversions Part 2

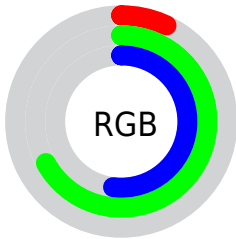
Format	Color
<a href="#">RYB</a>	<a href="#">17, 105, 171</a>
Decimal	<a href="#">1158020</a>
CIELab	<a href="#">62.43, -45.93, 9.89</a>
CIELCh	<a href="#">62, 46.981, 167.844</a>
Yxy	<a href="#">30.9109, 0.2473, 0.4032</a>
Android (android.graphics.Color)	<a href="#">4279348100</a> ( <a href="#">0xFF11AB84</a> )
YUV	<a href="#">120.5080, 5.6656, -90.7765</a>
Hunter-Lab	<a href="#">55.5976, -36.4268, 10.3417</a>

# Details

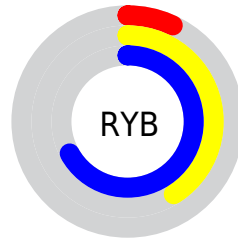
The Hex color **11AB84** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB1138**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **61E3B9**, and **007653** is the 20% darker color. If you saturate the color by 10%, you get **00AB80**, and if you desaturate by 10%, it is **22AB88**.

# Distribution



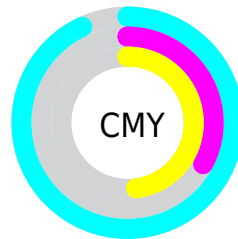
- Red (7%)
- Green (67%)
- Blue (52%)



- Red (7%)
- Yellow (41%)
- Blue (67%)



- Cyan (90%)
- Magenta (0%)
- Yellow (23%)
- Black (33%)



- Cyan (93%)
- Magenta (33%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 11AB84 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 11AB84 by changing the saturation by 10% instead.



 11AB84

 11AB84

FFFFFF

 00906B

 61E3B9

 007653

 7FFFD5

 005C3B

 9DFFF1

 004326

 BBFFFF

 002D11

 D9FFFF

 001000

 F7FFFF

 000000

 11AB84

 11AB84

 00AB80

 22AB88

 33AB8D

 44AB91

 55AB95

 66AB9A

 78AB9E

 89ABA2

 9AABA7

 ABABAB

# Harmonies

## Analogous

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



67A65D



11AB84



00ACAF

# Triad

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



11AB84



7E93E6



DA7F5B

# Complementary

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



11AB84



AB1138

# 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.



E57580



11AB84



B982CF

# Square

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



11AB84



00A0E8



DC76AA



BE8F44

# Rectangle

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



11AB84



00AAC9



DC76AA



E07B66



# Sweetspot

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



11AB84



A2DEC F



3AAB11



4C7067



F0F0F0



707070



# Same Dimension

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



11AB84



00DEA6



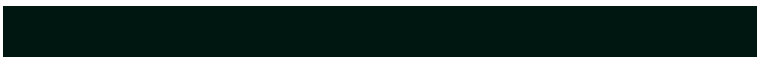
1187AB



4E5755



009670



001711



# Inverse Universe

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



AB1138



DE0038



AB3511



574E50



960026

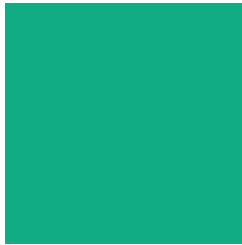


170006



# Previews

## White Background



This preview shows how the Hex color 11AB84 looks on a white background.

## Color Contrast Check

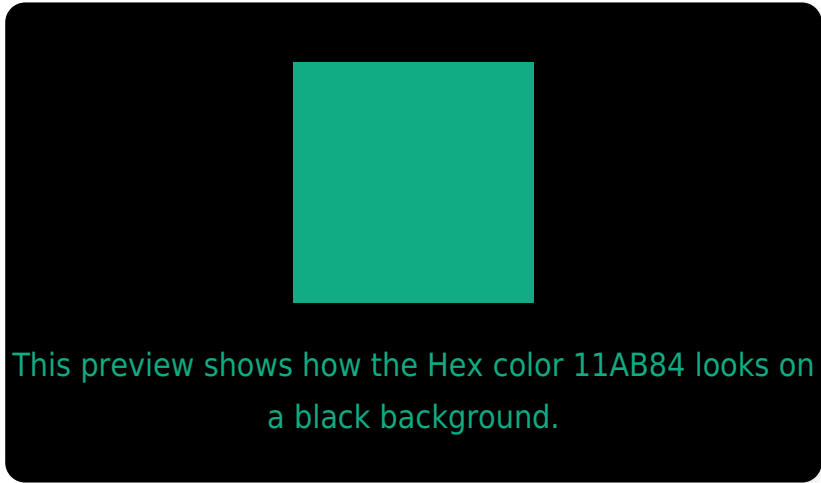
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

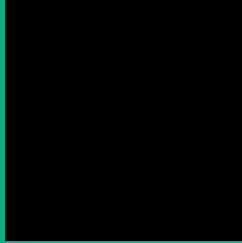
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 11AB84 Background



This preview shows how black text looks on a background with the Hex color 11AB84.

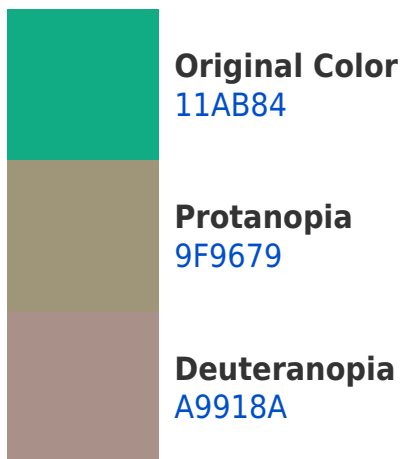


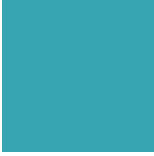
This preview shows how white text looks on a background with the Hex color 11AB84.

# 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**  
37A5B2

# Trichromacy



**Original Color**  
11AB84



**Protanomaly**  
6B9E7D



**Deuteranomaly**  
729A88



**Tritanomaly**  
29A7A1

# Monochromacy



**Original Color**  
11AB84



**Achromatopsia**  
797979



**Achromatomaly**  
538B7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11AB84 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 #11AB84 looks like.

```
.text, #text, p{  
    color:#11AB84  
}
```

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 #11AB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11AB84
}
```

## Border

The CSS property to change the border of an element to Hex 11AB84 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
#11AB84 }
```

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

```
.border{ border-color:#11AB84 }
```

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

Here you see how a box with a 4 pixel #11AB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11AB84; -webkit-box-shadow:4px 4px  
4px 4px #11AB84; box-shadow:4px 4px 4px  
4px #11AB84 }
```

# Background

The CSS property to change the background color of an element to Hex 11AB84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11AB84 }
```

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

```
.background{ background-color:#11AB84 }
```

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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