

# Converting Colors

Hex(17BFAA)

Have a look what the booklet for  
Hex(17BFAA) contains.

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# Color

Hex(17BFAA)

# Conversions

## Conversions Part 1

Format	Color
Hex	17BFAA
RGB	23, 191, 170
RGB Percent	9%, 75%, 67%
CMY	0.9098, 0.2510, 0.3333
CMYK	0.88, 0.00, 0.11, 0.25
HSL	172°, 79%, 42%
HSV	172°, 88%, 75%
XYZ	26.2399, 40.3460, 44.4348
YIQ	138.3740, -93.3870, -42.1470

# Conversions

## Conversions Part 2

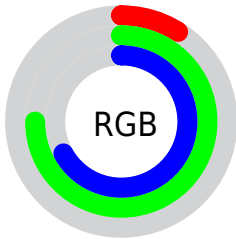
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 113, 191
Decimal	1556394
CIE <sub>Lab</sub>	69.72, -43.89, -0.56
CIE <sub>LCh</sub>	70, 43.896, 180.736
Yxy	40.3460, 0.2364, 0.3634
Android (android.graphics.Color)	4279746474 (0xFF17BFAA)
YUV	138.3740, 15.5916, -101.1830
Hunter-Lab	63.5185, -37.4181, 2.9863

# Details

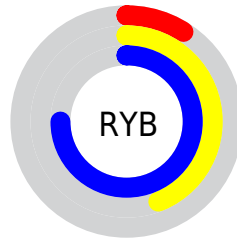
The Hex color **17BFAA** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BF172C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **69F8E1**, and **008976** is the 20% darker color. If you saturate the color by 10%, you get **04BFA8**, and if you desaturate by 10%, it is **2ABFAC**.

# Distribution



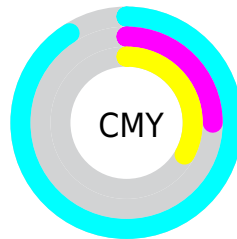
- Red (9%)
- Green (75%)
- Blue (67%)



- Red (9%)
- Yellow (44%)
- Blue (75%)



- Cyan (88%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)



- Cyan (91%)
- Magenta (25%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17BFAA 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 17BFAA by changing the saturation by 10% instead.



 17BFAA

 17BFAA

FFFFFF

 00A390

 69F8E1

 008976

 89FFFE

 006E5D

 A8FFFF

 005546

 C6FFFF

 003D30

 E5FFFF

 00281B

 000000

 17BFAA

 17BFAA

 04BFA8

 2ABFAC

00BFA7

3DBFAF

50BFB1

63BFB4

77BFB6

8ABFB8

9DBFBB

B0BFBD

C3BFBF

# Harmonies

## Analogous

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



68BC82



17BFAA



00BED2

# Triad

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



17BFAA



AFA0EF



E29A66

# Complementary

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



17BFAA



BF172C

# 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.



F58E84



17BFAA



DD91D2

# Square

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



17BFAA



6CAEFA



F48AAB



C2A859

# Rectangle

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



17BFAA



00BBE7



F48AAB



EA966E



# Sweetspot

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



17BFAA



B7F7EF



2DBF17



567D78



FCFCFC



7D7D7D



# Same Dimension

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



17BFAA



00F7D8



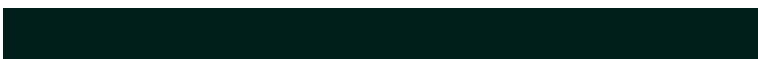
1781BF



555E5D



009E8A



001F1B



# Inverse Universe

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



BF172C



F7001F



BF5517



5E5556



9E0014

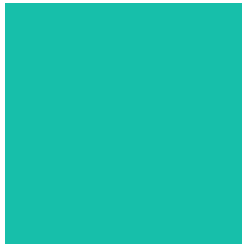


1F0004



# Previews

## White Background



This preview shows how the Hex color 17BFAA looks on a white background.

## Color Contrast Check

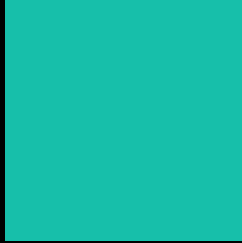
Large Text (above 18pt) WCAG AA × Fail

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 17BFAA 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

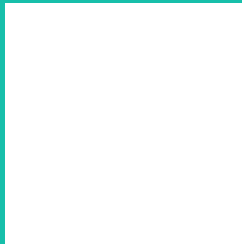
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17BFAA Background



This preview shows how black text looks on a background with the Hex color 17BFAA.

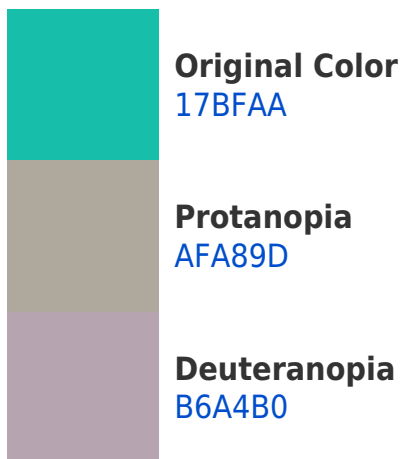


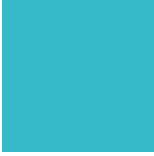
This preview shows how white text looks on a background with the Hex color 17BFAA.

# Color Blindness Simulation

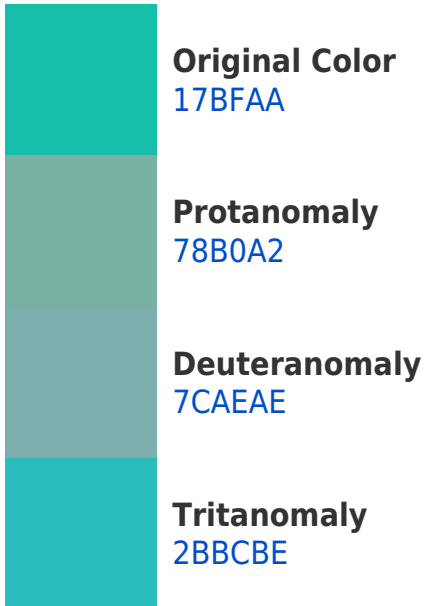
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

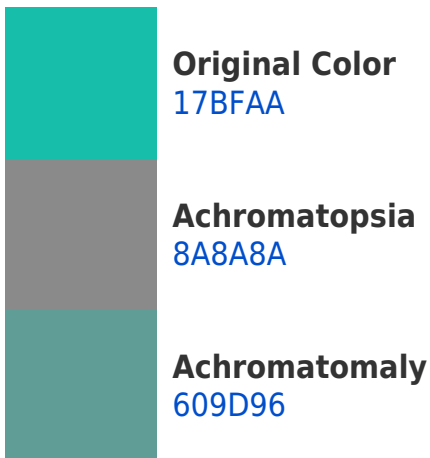




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17BFAA 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 #17BFAA looks like.

```
.text, #text, p{  
    color:#17BFAA  
}
```

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 #17BFAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17BFAA
}
```

## Border

The CSS property to change the border of an element to Hex 17BFAA 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
#17BFAA }
```

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

```
.border{ border-color:#17BFAA }
```

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

Here you see how a box with a 4 pixel #17BFAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17BFAA; -webkit-box-shadow:4px 4px  
4px 4px #17BFAA; box-shadow:4px 4px 4px  
4px #17BFAA }
```

# Background

The CSS property to change the background color of an element to Hex 17BFAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17BFAA }
```

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

```
.background{ background-color:#17BFAA }
```

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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