

Converting Colors

Hex(17B8AE)

Have a look what the booklet for
Hex(17B8AE) contains.

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Color

Hex(17B8AE)

Conversions

Conversions Part 1

Format	Color
Hex	17B8AE
RGB	23, 184, 174
RGB Percent	9%, 72%, 68%
CMY	0.9098, 0.2784, 0.3176
CMYK	0.88, 0.00, 0.05, 0.28
HSL	176°, 78%, 41%
HSV	176°, 88%, 72%
XYZ	25.1338, 37.5191, 45.9616
YIQ	134.7210, -92.7460, -37.2420

Conversions

Conversions Part 2

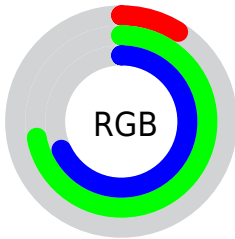
Format	Color
RYB	23, 106, 184
Decimal	1554606
CIELab	67.66, -39.69, -5.78
CIELCh	68, 40.112, 188.284
Yxy	37.5191, 0.2314, 0.3454
Android (android.graphics.Color)	4279744686 (0xFF17B8AE)
YUV	134.7210, 19.3645, -97.9793
Hunter-Lab	61.2529, -33.9488, -1.6118

Details

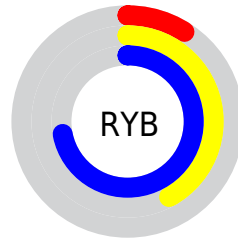
The Hex color **17B8AE** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B81721**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **68F1E5**, and **00827A** is the 20% darker color. If you saturate the color by 10%, you get **05B8AD**, and if you desaturate by 10%, it is **29B8AF**.

Distribution



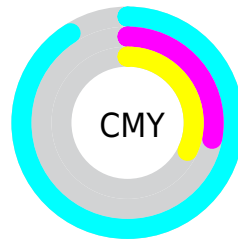
- Red (9%)
- Green (72%)
- Blue (68%)



- Red (9%)
- Yellow (42%)
- Blue (72%)



- Cyan (88%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (91%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B8AE 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 17B8AE by changing the saturation by 10% instead.

 17B8AE

 17B8AE

FFFFFF

 009D93

 68F1E5

 00827A

 88FFFF

 006861

 A6FFFF

 004F49

 C5FFFF

 003733

 E3FFFF

 00231E

 000004

 000000

 17B8AE

 17B8AE

■ 05B8AD

■ 29B8AF

■ 00B8AD

■ 3CB8B0

■ 4EB8B1

■ 61B8B3

■ 73B8B4

■ 85B8B5

■ 98B8B6

■ AAB8B7

■ BDB8B8

Harmonies

Analogous

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



5DB689



17B8AE



00B6D1

Triad

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



17B8AE



B698DE



D29962

Complementary

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



17B8AE



B81721

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.



E68E7A



17B8AE



DA8CC0

Square

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



17B8AE



7FA5EC



EA889C



B2A65C

Rectangle

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



17B8AE



09B2E1



EA889C



DA9568

Sweetspot

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



17B8AE



B1F0EC



22B817



537876



F7F7F7



787878

Same Dimension

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



17B8AE



00F0E1



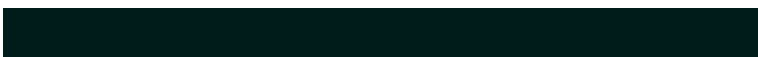
1772B8



535C5B



009C92



001C1A

Inverse Universe

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



B81721



F0000F



B85D17



5C5353



9C000A



1C0002

Previews

White Background



This preview shows how the Hex color 17B8AE looks on a white background.

Color Contrast Check

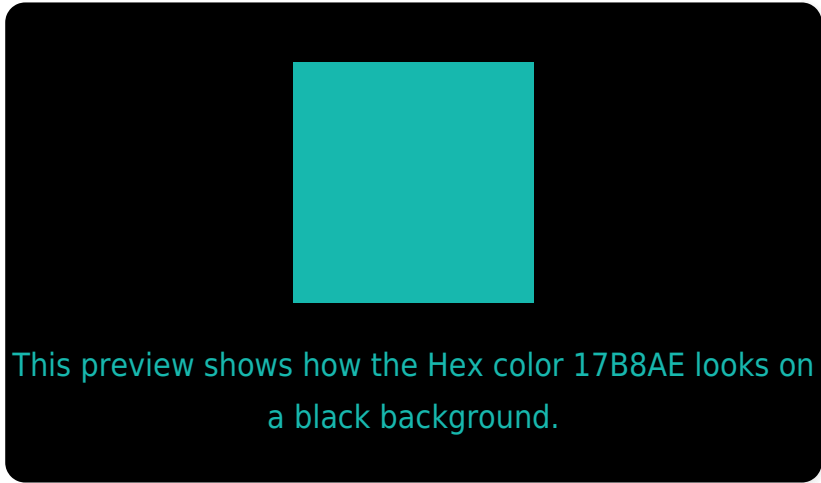
Large Text (above 18pt) WCAG AA × Fail

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

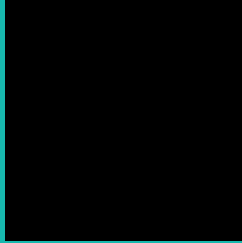
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

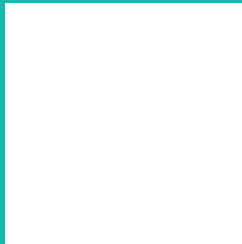
Any Text WCAG AAA ✓ Pass

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

Hex 17B8AE Background



This preview shows how black text looks on a background with the Hex color 17B8AE.

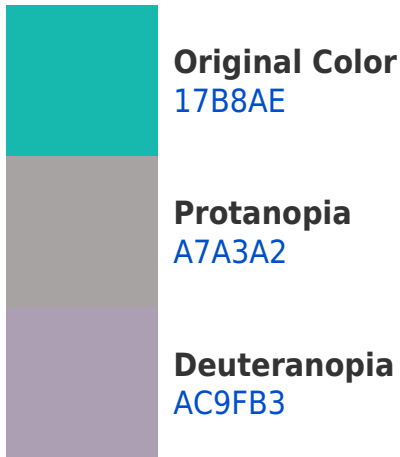


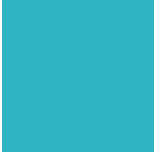
This preview shows how white text looks on a background with the Hex color 17B8AE.

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



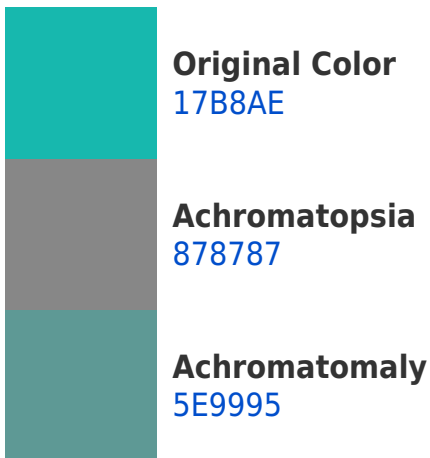


Tritanopia
2EB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17B8AE 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 #17B8AE looks like.

```
.text, #text, p{  
    color:#17B8AE  
}
```

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 #17B8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B8AE
}
```

Border

The CSS property to change the border of an element to Hex 17B8AE 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
#17B8AE }
```

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

```
.border{ border-color:#17B8AE }
```

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

Here you see how a box with a 4 pixel #17B8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B8AE; -webkit-box-shadow:4px 4px  
4px 4px #17B8AE; box-shadow:4px 4px 4px  
4px #17B8AE }
```

Background

The CSS property to change the background color of an element to Hex 17B8AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B8AE }
```

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

```
.background{ background-color:#17B8AE }
```

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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