

Converting Colors

Hex(17BBA8)

Have a look what the booklet for
Hex(17BBA8) contains.

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Color

Hex(17BBA8)

Conversions

Conversions Part 1

Format	Color
Hex	17BBA8
RGB	23, 187, 168
RGB Percent	9%, 73%, 66%
CMY	0.9098, 0.2667, 0.3412
CMYK	0.88, 0.00, 0.10, 0.27
HSL	173°, 78%, 41%
HSV	173°, 88%, 73%
XYZ	25.1916, 38.5500, 43.1589
YIQ	135.7980, -91.6450, -40.6770

Conversions

Conversions Part 2

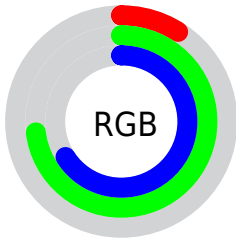
Format	Color
R _Y B	23, 110, 187
Decimal	1555368
CIE Lab	68.42, -42.72, -1.36
CIE LCh	68, 42.743, 181.819
Yxy	38.5500, 0.2357, 0.3606
Android (android.graphics.Color)	4279745448 (0xFF17BBA8)
YUV	135.7980, 15.8756, -98.9238
Hunter-Lab	62.0886, -36.2313, 2.2485

Details

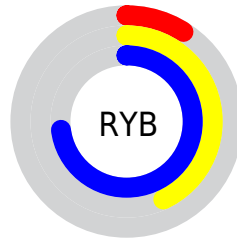
The Hex color **17BBA8** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BB172A**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **68F4DF**, and **008574** is the 20% darker color. If you saturate the color by 10%, you get **04BBA6**, and if you desaturate by 10%, it is **2ABBAA**.

Distribution



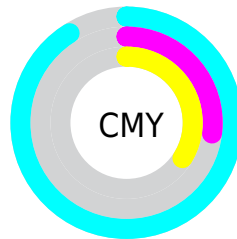
- Red (9%)
- Green (73%)
- Blue (66%)



- Red (9%)
- Yellow (43%)
- Blue (73%)



- Cyan (88%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (91%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17BBA8 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 17BBA8 by changing the saturation by 10% instead.

 17BBA8

 17BBA8

FFFFFF

 00A08E

 68F4DF

 008574

 88FFFC

 006B5C

 A6FFFF

 005244

 C5FFFF

 00392E

 E3FFFF

 002419

 000000

 17BBA8

 17BBA8

 04BBA6

 2ABBA

 00BBA5

 3CBBA5

 4FBBAE

 62BBB1

 75BBB3

 87BBB5

 9ABBB7

 ADBBB9

 BFB BBB

Harmonies

Analogous

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



65B881



17BBA8



00BACE

Triad

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



17BBA8



AE9CE9



DC9863

Complementary

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



17BBA8



BB172A

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.



EF8C80



17BBA8



D98ECC

Square

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



17BBA8



6EAAF4



EF88A6



BDA558

Rectangle

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



17BBA8



00B7E3



EF88A6



E4936B

Sweetspot

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



17BBA8



B3F2EB



2ABB17



547A76



FAFAFA



7A7A7A

Same Dimension

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



17BBA8



00F2D6



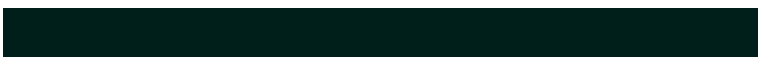
177CBB



555E5D



009E8C



001F1B

Inverse Universe

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



BB172A



F2001C



BB5617



5E5556



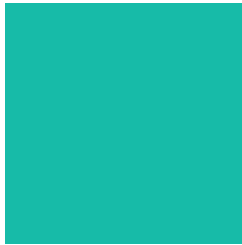
9E0012



1F0004

Previews

White Background



This preview shows how the Hex color 17BBA8 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 17BBA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

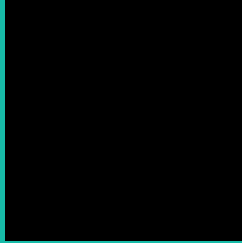
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

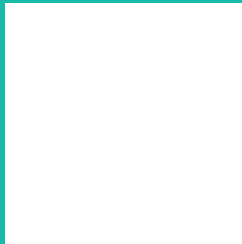
Any Text WCAG AAA ✓ Pass

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

Hex 17BBA8 Background



This preview shows how black text looks on a background with the Hex color 17BBA8.

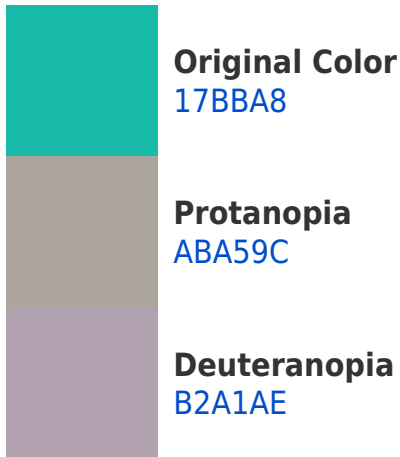


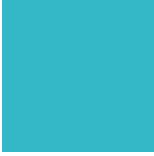
This preview shows how white text looks on a background with the Hex color 17BBA8.

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](#).

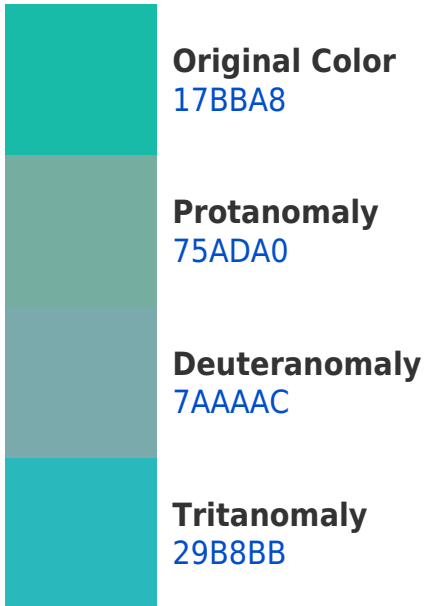
Dichromacy



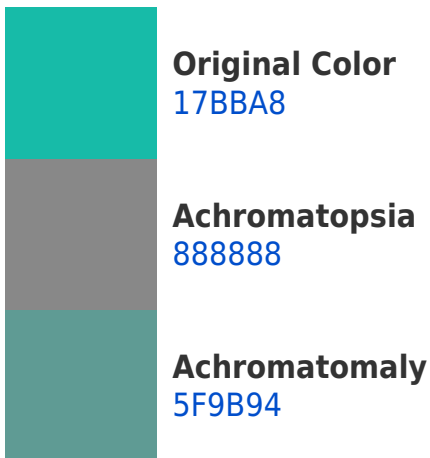


Tritanopia
34B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 17BBA8 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 #17BBA8 looks like.

```
.text, #text, p{  
    color:#17BBA8  
}
```

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 #17BBA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17BBA8
}
```

Border

The CSS property to change the border of an element to Hex 17BBA8 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
#17BBA8 }
```

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

```
.border{ border-color:#17BBA8 }
```

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

Here you see how a box with a 4 pixel #17BBA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17BBA8; -webkit-box-shadow:4px 4px  
4px 4px #17BBA8; box-shadow:4px 4px 4px  
4px #17BBA8 }
```

Background

The CSS property to change the background color of an element to Hex 17BBA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17BBA8 }
```

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

```
.background{ background-color:#17BBA8 }
```

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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