

Converting Colors

Hex(17B4BD)

Have a look what the booklet for
Hex(17B4BD) contains.

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Color

Hex(17B4BD)

Conversions

Conversions Part 1

Format	Color
Hex	17B4BD
RGB	23, 180, 189
RGB Percent	9%, 71%, 74%
CMY	0.9098, 0.2941, 0.2588
CMYK	0.88, 0.05, 0.00, 0.26
HSL	183°, 78%, 42%
HSV	183°, 88%, 74%
XYZ	25.8599, 36.4988, 53.8261
YIQ	134.0830, -96.4610, -30.4850

Conversions

Conversions Part 2

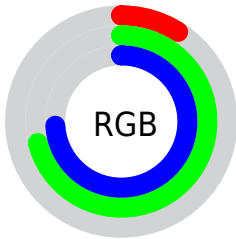
Format	Color
R _Y B	23, 104, 189
Decimal	1553597
CIE Lab	66.90, -33.33, -15.21
CIE LCh	67, 36.640, 204.527
Yxy	36.4988, 0.2226, 0.3141
Android (android.graphics.Color)	4279743677 (0xFF17B4BD)
YUV	134.0830, 27.0741, -97.4198
Hunter-Lab	60.4142, -29.3192, -10.5345

Details

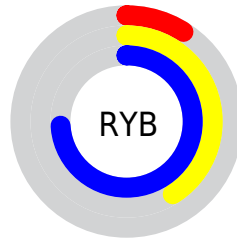
The Hex color **17B4BD** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BD2017**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6AECF5**, and **007F88** is the 20% darker color. If you saturate the color by 10%, you get **04B3BD**, and if you desaturate by 10%, it is **2AB5BD**.

Distribution



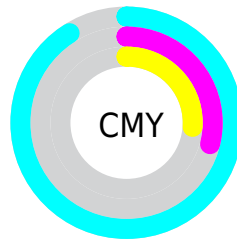
- Red (9%)
- Green (71%)
- Blue (74%)



- Red (9%)
- Yellow (41%)
- Blue (74%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (91%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 17B4BD 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 17B4BD by changing the saturation by 10% instead.

 17B4BD

 17B4BD

FFFFFF

 0099A2

 6AECF5

 007F88

 89FFFF

 00656E

 A8FFFF

 004C56

 C6FFFF

 00353F

 E5FFFF

 002129

 000115

 000000

 17B4BD

 17B4BD

■ 04B3BD

■ 2AB5BD

■ 00B3BD

■ 3DB6BD

■ 50B7BD

■ 63B8BD

■ 76B9BD

■ 88BABD

■ 9BBBBD

■ AEBCBD

■ C1BDBD

Harmonies

Analogous

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



4AB49B



17B4BD



2BB0D8

Triad

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



17B4BD



C791C9



BE9F61

Complementary

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



17B4BD



BD2017

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.



D7936E



17B4BD



DE8AAA

Square

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



17B4BD



9E9CDF



E38B89



9DA966

Rectangle

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



17B4BD



54ABE2



E38B89



C79B63

Sweetspot

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



17B4BD



B5F1F5



17BD1F



54787A



FAFAFA



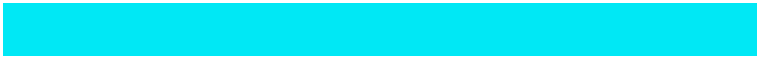
7A7A7A

Same Dimension

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



17B4BD



00E8F5



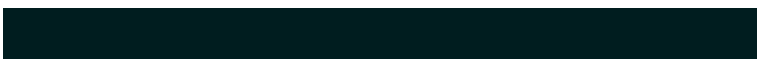
1762BD



555E5E



00969E



001D1F

Inverse Universe

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



BD17B4



F500E8



BD7217



5E555E



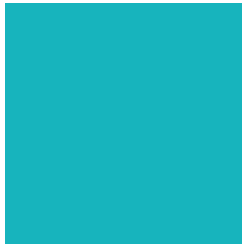
9E0096



1F001D

Previews

White Background



This preview shows how the Hex color 17B4BD 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 17B4BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

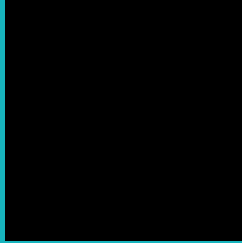
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

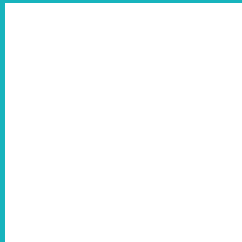
Any Text WCAG AAA ✓ Pass

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

Hex 17B4BD Background



This preview shows how black text looks on a background with the Hex color 17B4BD.

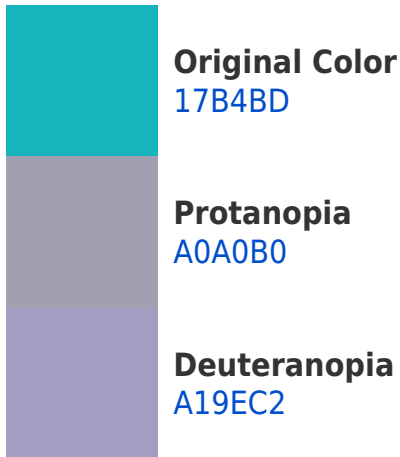


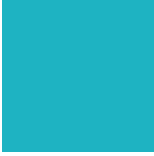
This preview shows how white text looks on a background with the Hex color 17B4BD.

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
1EB3C2

Trichromacy



Original Color
17B4BD



Protanomaly
6EA7B5



Deuteranomaly
6FA6C0



Tritanomaly
1BB3C0

Monochromacy



Original Color
17B4BD



Achromatopsia
868686



Achromatomaly
5E979A

CSS Examples

Text

The CSS property to change the color of the text to Hex 17B4BD 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 #17B4BD looks like.

```
.text, #text, p{  
    color:#17B4BD  
}
```

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 #17B4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B4BD
}
```

Border

The CSS property to change the border of an element to Hex 17B4BD 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
#17B4BD }
```

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

```
.border{ border-color:#17B4BD }
```

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

Here you see how a box with a 4 pixel #17B4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B4BD; -webkit-box-shadow:4px 4px  
4px 4px #17B4BD; box-shadow:4px 4px 4px  
4px #17B4BD }
```

Background

The CSS property to change the background color of an element to Hex 17B4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B4BD }
```

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

```
.background{ background-color:#17B4BD }
```

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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