

# Converting Colors

Hex(17B5B3)

Have a look what the booklet for  
Hex(17B5B3) contains.

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# **Color**

**Hex(17B5B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17B5B3
RGB	23, 181, 179
RGB Percent	9%, 71%, 70%
CMY	0.9098, 0.2902, 0.2980
CMYK	0.87, 0.00, 0.01, 0.29
HSL	179°, 77%, 40%
HSV	179°, 87%, 71%
XYZ	25.0139, 36.4846, 48.3717
YIQ	133.5300, -93.5260, -34.1180

# Conversions

## Conversions Part 2

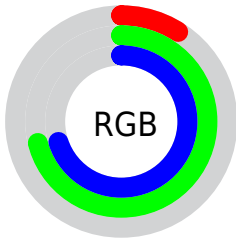
Format	Color
<a href="#">RYB</a>	<a href="#">23, 103, 181</a>
Decimal	<a href="#">1553843</a>
CIELab	<a href="#">66.89, -36.86, -9.70</a>
CIElCh	<a href="#">67, 38.113, 194.737</a>
Yxy	<a href="#">36.4846, 0.2277, 0.3321</a>
Android (android.graphics.Color)	<a href="#">4279743923</a> ( <a href="#">0xFF17B5B3</a> )
YUV	<a href="#">133.5300, 22.4167, -96.9348</a>
Hunter-Lab	<a href="#">60.4025, -31.7838, -5.1991</a>

# Details

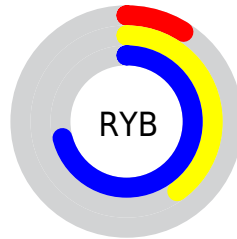
The Hex color **17B5B3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B51719**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **68EDEB**, and **007F7E** is the 20% darker color. If you saturate the color by 10%, you get **05B5B3**, and if you desaturate by 10%, it is **29B5B3**.

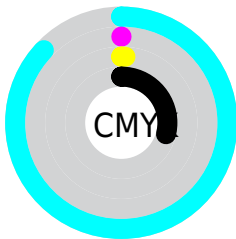
# Distribution



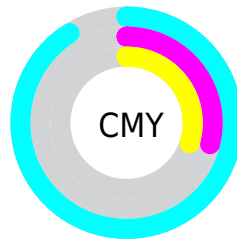
- Red (9%)
- Green (71%)
- Blue (70%)



- Red (9%)
- Yellow (40%)
- Blue (71%)



- Cyan (87%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (91%)
- Magenta (29%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 17B5B3 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 17B5B3 by changing the saturation by 10% instead.



 17B5B3

 17B5B3


FFFFFF

 009A98

 68EDEB

 007F7E

 88FFFF

 006665

 A6FFFF

 004D4E

 C5FFFF

 003537

 E3FFFF

 002121

 00000B

 000000

 17B5B3

 17B5B3

05B5B3

29B5B3

00B5B3

3BB5B3

4DB5B4

5FB5B4

72B5B4

84B5B4

96B5B5

A8B5B5

BAB5B5

# Harmonies

## Analogous

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



55B490



17B5B3



00B2D2

# Triad

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



17B5B3



BC94D4



C89B61

# Complementary

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



17B5B3



B51719

# 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.



DE8F74



17B5B3



DA8AB6

# Square

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



17B5B3



8CA0E5



E58893



A8A65F

# Rectangle

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



17B5B3



37AEE0



E58893



D19765



# Sweetspot

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



17B5B3



AEEBEA



1AB517



517575



F5F5F5



757575



# Same Dimension

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



17B5B3



00EBE8



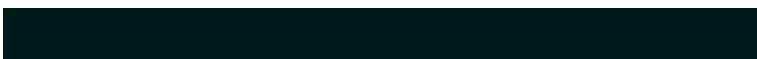
1769B5



505959



009997



001A19



# Inverse Universe

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



B51719



EB0003



B56317



595050



990002

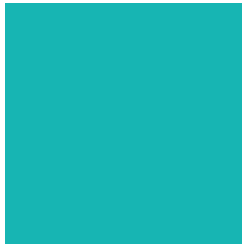


1A0000



# Previews

## White Background



This preview shows how the Hex color 17B5B3 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 17B5B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

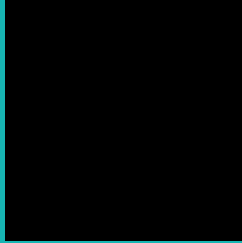
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

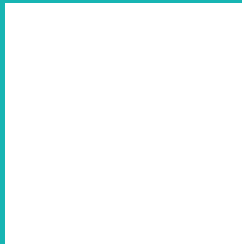
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 17B5B3 Background



This preview shows how black text looks on a background with the Hex color 17B5B3.

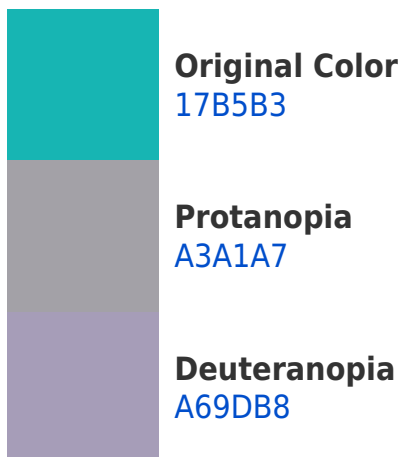


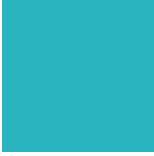
This preview shows how white text looks on a background with the Hex color 17B5B3.

# 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**  
28B3C1

# Trichromacy



**Original Color**  
17B5B3



**Protanomaly**  
70A8AB



**Deuteranomaly**  
72A6B6



**Tritanomaly**  
22B4BC

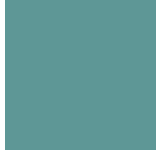
# Monochromacy



**Original Color**  
17B5B3



**Achromatopsia**  
868686



**Achromatomaly**  
5E9796

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 17B5B3 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 #17B5B3 looks like.

```
.text, #text, p{  
    color:#17B5B3  
}
```

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 #17B5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17B5B3
}
```

## Border

The CSS property to change the border of an element to Hex 17B5B3 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
#17B5B3 }
```

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

```
.border{ border-color:#17B5B3 }
```

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

Here you see how a box with a 4 pixel #17B5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17B5B3; -webkit-box-shadow:4px 4px  
4px 4px #17B5B3; box-shadow:4px 4px 4px  
4px #17B5B3 }
```

# Background

The CSS property to change the background color of an element to Hex 17B5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17B5B3 }
```

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

```
.background{ background-color:#17B5B3 }
```

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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