

Converting Colors

Hex(15B7B7)

Have a look what the booklet for
Hex(15B7B7) contains.

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Color

Hex(15B7B7)

Conversions

Conversions Part 1

Format	Color
Hex	15B7B7
RGB	21, 183, 183
RGB Percent	8%, 72%, 72%
CMY	0.9176, 0.2824, 0.2824
CMYK	0.89, 0.00, 0.00, 0.28
HSL	180°, 79%, 40%
HSV	180°, 89%, 72%
XYZ	25.7900, 37.4453, 50.6681
YIQ	134.5620, -96.5520, -34.3440

Conversions

Conversions Part 2

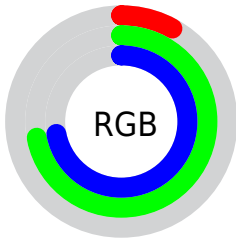
Format	Color
RYB	21, 102, 183
Decimal	1423287
CIELab	67.61, -36.69, -10.83
CIELCh	68, 38.253, 196.446
Yxy	37.4453, 0.2264, 0.3287
Android (android.graphics.Color)	4279613367 (0xFF15B7B7)
YUV	134.5620, 23.8799, -99.5939
Hunter-Lab	61.1926, -31.8570, -6.2580

Details

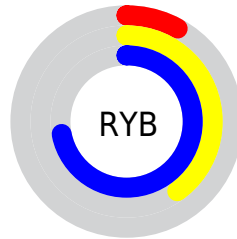
The Hex color **15B7B7** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B71515**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **69F0EF**, and **008182** is the 20% darker color. If you saturate the color by 10%, you get **03B7B7**, and if you desaturate by 10%, it is **27B7B7**.

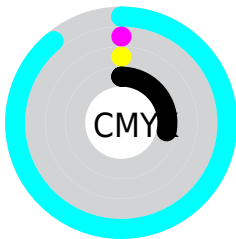
Distribution



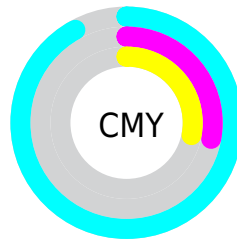
- Red (8%)
- Green (72%)
- Blue (72%)



- Red (8%)
- Yellow (40%)
- Blue (72%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (92%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B7B7 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 15B7B7 by changing the saturation by 10% instead.

15B7B7

15B7B7

FFFFFF

009C9C

69F0EF

008182

88FFFF

006869

A7FFFF

004F51

C6FFFF

00373A

E4FFFF

002324

00010F

000000

15B7B7

15B7B7

03B7B7

27B7B7

00B7B7

3AB7B7

4CB7B7

5EB7B7

71B7B7

83B7B7

95B7B7

A7B7B7

BAB7B7

Harmonies

Analogous

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



54B693



15B7B7



00B4D6

Triad

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



15B7B7



C095D4



C99D62

Complementary

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



15B7B7



B71515

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.



E09174



15B7B7



DE8BB6

Square

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



15B7B7



91A2E7



E88A93



A8A961

Rectangle

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



15B7B7



3DB0E3



E88A93



D29966

Sweetspot

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



15B7B7



ADEDED



15B715



517878



F7F7F7



787878

Same Dimension

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



15B7B7



00EDED



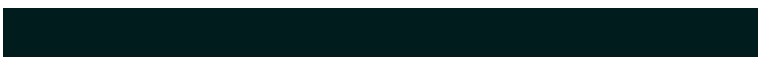
1566B7



535C5C



009C9C



001C1C

Inverse Universe

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



B715B7



ED00ED



B76615



5C535C



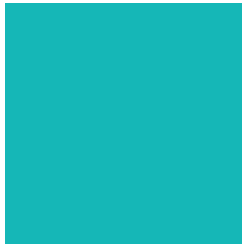
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 15B7B7 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 15B7B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

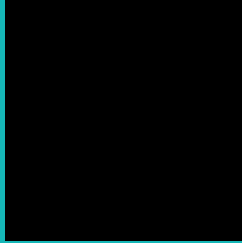
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

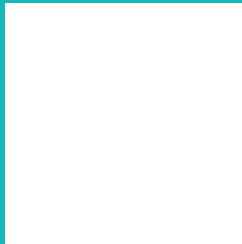
Any Text WCAG AAA ✓ Pass

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

Hex 15B7B7 Background



This preview shows how black text looks on a background with the Hex color 15B7B7.

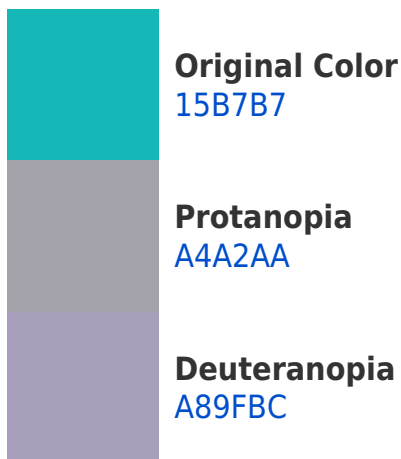


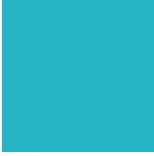
This preview shows how white text looks on a background with the Hex color 15B7B7.

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
26B5C4

Trichromacy



Original Color
15B7B7



Protanomaly
70AAAF



Deuteranomaly
73A8BA



Tritanomaly
20B6BF

Monochromacy



Original Color
15B7B7



Achromatopsia
878787



Achromatomaly
5E9898

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B7B7 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 #15B7B7 looks like.

```
.text, #text, p{  
    color:#15B7B7  
}
```

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 #15B7B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B7B7
}
```

Border

The CSS property to change the border of an element to Hex 15B7B7 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
#15B7B7 }
```

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

```
.border{ border-color:#15B7B7 }
```

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

Here you see how a box with a 4 pixel #15B7B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B7B7; -webkit-box-shadow:4px 4px  
4px 4px #15B7B7; box-shadow:4px 4px 4px  
4px #15B7B7 }
```

Background

The CSS property to change the background color of an element to Hex 15B7B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B7B7 }
```

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

```
.background{ background-color:#15B7B7 }
```

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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