

Converting Colors

Hex(15B6AD)

Have a look what the booklet for
Hex(15B6AD) contains.

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Color

Hex(15B6AD)

Conversions

Conversions Part 1

Format	Color
Hex	15B6AD
RGB	21, 182, 173
RGB Percent	8%, 71%, 68%
CMY	0.9176, 0.2863, 0.3216
CMYK	0.88, 0.00, 0.05, 0.29
HSL	177°, 79%, 40%
HSV	177°, 88%, 71%
XYZ	24.5800, 36.6325, 45.3104
YIQ	132.8350, -93.0670, -36.9310

Conversions

Conversions Part 2

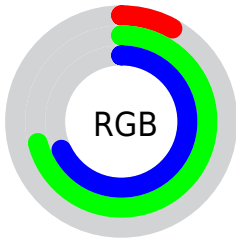
Format	Color
<code>RYB</code>	<code>21, 104, 182</code>
Decimal	<code>1423021</code>
CIELab	<code>67.00, -39.20, -6.21</code>
CIELCh	<code>67, 39.694, 189.005</code>
Yxy	<code>36.6325, 0.2307, 0.3439</code>
Android (<code>android.graphics.Color</code>)	<code>4279613101 (0xFF15B6AD)</code>
YUV	<code>132.8350, 19.8013, -98.0793</code>
Hunter-Lab	<code>60.5248, -33.4267, -2.0187</code>

Details

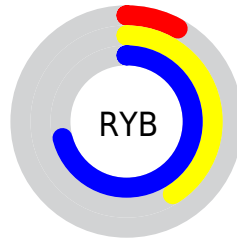
The Hex color **15B6AD** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B6151E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **67EFE4**, and **008079** is the 20% darker color. If you saturate the color by 10%, you get **03B6AC**, and if you desaturate by 10%, it is **27B6AE**.

Distribution



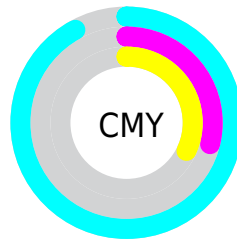
- Red (8%)
- Green (71%)
- Blue (68%)



- Red (8%)
- Yellow (41%)
- Blue (71%)



- Cyan (88%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (92%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15B6AD 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 15B6AD by changing the saturation by 10% instead.

 15B6AD

 15B6AD

FFFFFF

 009B92

 67EFE4

 008079

 87FFFF

 006660

 A5FFFF


 004E48

 C4FFFF

 003632

 E2FFFF

 00211D

 000003

 000000

 15B6AD

 15B6AD

■ 03B6AC

■ 27B6AE

■ 00B6AC

■ 39B6AF

■ 4CB6B0

■ 5EB6B1

■ 70B6B2

■ 82B6B3

■ 94B6B4

■ A7B6B5

■ B9B6B6

Harmonies

Analogous

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



5BB488



15B6AD



00B4CF

Triad

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



15B6AD



B596DB



CF9861

Complementary

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



15B6AD



B6151E

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.



E38C78



15B6AD



D88ABD

Square

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



15B6AD



7FA3E9



E88799



AFA45B

Rectangle

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



15B6AD



11B0DF



E88799



D79467

Sweetspot

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



15B6AD



ADEDEA



20B615



517876



F7F7F7



787878

Same Dimension

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



15B6AD



00EDED



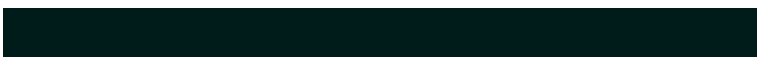
1570B6



535C5B



009C93



001C1A

Inverse Universe

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



B6151E



ED000D



B65B15



5C5353



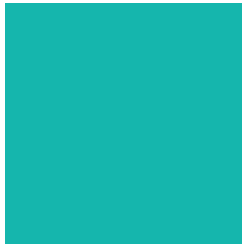
9C0009



1C0002

Previews

White Background



This preview shows how the Hex color 15B6AD 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 15B6AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

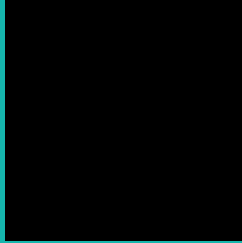
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

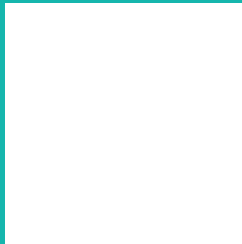
Any Text WCAG AAA ✓ Pass

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

Hex 15B6AD Background



This preview shows how black text looks on a background with the Hex color 15B6AD.

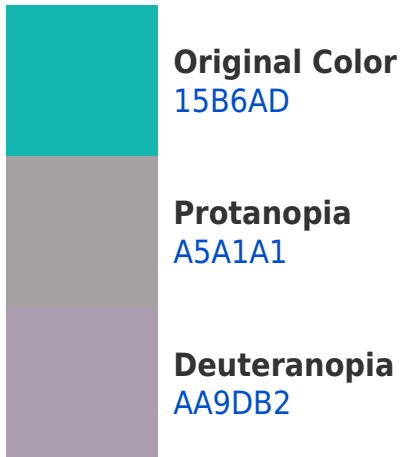


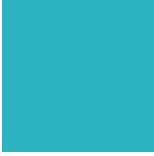
This preview shows how white text looks on a background with the Hex color 15B6AD.

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
2CB3C1

Trichromacy



Original Color
15B6AD



Protanomaly
71A9A5



Deuteranomaly
74A6B0



Tritanomaly
24B4BA

Monochromacy



Original Color
15B6AD



Achromatopsia
858585



Achromatomaly
5C9794

CSS Examples

Text

The CSS property to change the color of the text to Hex 15B6AD 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 #15B6AD looks like.

```
.text, #text, p{  
    color:#15B6AD  
}
```

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 #15B6AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15B6AD
}
```

Border

The CSS property to change the border of an element to Hex 15B6AD 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
#15B6AD }
```

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

```
.border{ border-color:#15B6AD }
```

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

Here you see how a box with a 4 pixel #15B6AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15B6AD; -webkit-box-shadow:4px 4px  
4px 4px #15B6AD; box-shadow:4px 4px 4px  
4px #15B6AD }
```

Background

The CSS property to change the background color of an element to Hex 15B6AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15B6AD }
```

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

```
.background{ background-color:#15B6AD }
```

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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