

Converting Colors

Hex(15C4BE)

Have a look what the booklet for
Hex(15C4BE) contains.

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Color

Hex(15C4BE)

Conversions

Conversions Part 1

Format	Color
Hex	15C4BE
RGB	21, 196, 190
RGB Percent	8%, 77%, 75%
CMY	0.9176, 0.2314, 0.2549
CMYK	0.89, 0.00, 0.03, 0.23
HSL	178°, 81%, 43%
HSV	178°, 89%, 77%
XYZ	29.3435, 43.3570, 55.5374
YIQ	142.9910, -102.3740, -38.9660

Conversions

Conversions Part 2

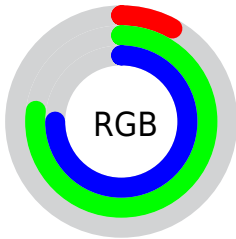
Format	Color
R _Y B	21, 110, 196
Decimal	1426622
CIE Lab	71.80, -40.50, -8.42
CIE LCh	72, 41.370, 191.750
Yxy	43.3570, 0.2288, 0.3381
Android (android.graphics.Color)	4279616702 (0xFF15C4BE)
YUV	142.9910, 23.1754, -106.9861
Hunter-Lab	65.8460, -35.6843, -3.9155

Details

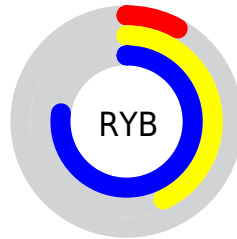
The Hex color **15C4BE** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C4151B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFDF6**, and **008D89** is the 20% darker color. If you saturate the color by 10%, you get **01C4BD**, and if you desaturate by 10%, it is **29C4BF**.

Distribution



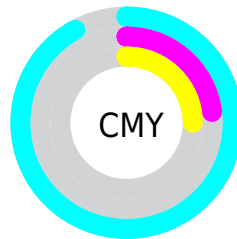
- Red (8%)
- Green (77%)
- Blue (75%)



- Red (8%)
- Yellow (43%)
- Blue (77%)



- Cyan (89%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C4BE 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 15C4BE by changing the saturation by 10% instead.

 15C4BE

 15C4BE

FFFFFF

 00A8A3

 6CFDF6

 008D89

 8CFFFF

 00736F

 ABFFFF

 005A57

 CAFFFF

 004140

 E9FFFF

 002B2A

 000D16

 000000

 15C4BE

 15C4BE

■ 01C4BD

■ 29C4BF

■ 00C4BD

■ 3CC4BF

■ 50C4C0

■ 63C4C1

■ 77C4C1

■ 8BC4C2

■ 9EC4C3

■ B2C4C3

■ C5C4C4

Harmonies

Analogous

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



5FC297



15C4BE



00C1E1

Triad

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



15C4BE



C7A1E8



DCA668

Complementary

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



15C4BE



C4151B

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.



F3997F



15C4BE



EB95C8

Square

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



15C4BE



90AFFA



F992A2



BAB265

Rectangle

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



15C4BE



29BDF2



F992A2



E5A16E

Sweetspot

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



15C4BE



BAFFFD



1EC415



57807E



000000



808080

Same Dimension

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



15C4BE



00FFF6



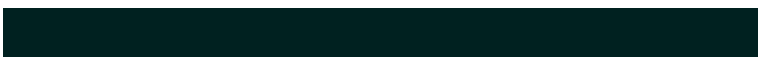
1575C4



576161



00A19B



002120

Inverse Universe

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



C4151B



FF0009



C46415



615758



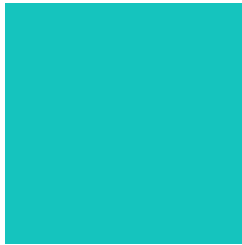
A10006



210001

Previews

White Background



This preview shows how the Hex color 15C4BE looks on a white background.

Color Contrast Check

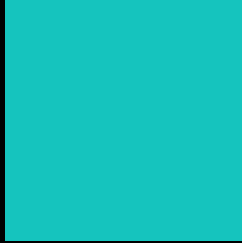
Large Text (above 18pt) WCAG AA × Fail

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 15C4BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

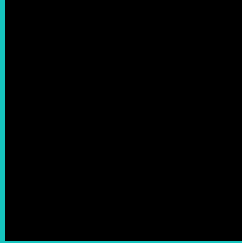
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

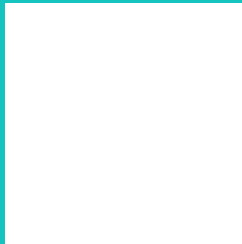
Any Text WCAG AAA ✓ Pass

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

Hex 15C4BE Background



This preview shows how black text looks on a background with the Hex color 15C4BE.



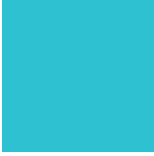
This preview shows how white text looks on a background with the Hex color 15C4BE.

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
2DC1D1

Trichromacy



Original Color
15C4BE



Protanomaly
78B6B6



Deuteranomaly
7BB3C2



Tritanomaly
24C2CA

Monochromacy



Original Color
15C4BE



Achromatopsia
8F8F8F



Achromatomaly
63A2A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C4BE 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 #15C4BE looks like.

```
.text, #text, p{  
    color:#15C4BE  
}
```

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 #15C4BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C4BE }  
}
```

Border

The CSS property to change the border of an element to Hex 15C4BE 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 #15C4BE }  
}
```

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

```
.border{ border-color:#15C4BE }
```

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

Here you see how a box with a 4 pixel #15C4BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C4BE; -webkit-box-shadow:4px 4px  
4px 4px #15C4BE; box-shadow:4px 4px 4px  
4px #15C4BE }
```

Background

The CSS property to change the background color of an element to Hex 15C4BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C4BE }
```

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

```
.background{ background-color:#15C4BE }
```

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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