

Converting Colors

Hex(15C2B8)

Have a look what the booklet for
Hex(15C2B8) contains.

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Color

Hex(15C2B8)

Conversions

Conversions Part 1

Format	Color
Hex	15C2B8
RGB	21, 194, 184
RGB Percent	8%, 76%, 72%
CMY	0.9176, 0.2392, 0.2784
CMYK	0.89, 0.00, 0.05, 0.24
HSL	177°, 80%, 42%
HSV	177°, 89%, 76%
XYZ	28.2528, 42.2037, 52.0045
YIQ	141.1330, -99.8980, -39.7860

Conversions

Conversions Part 2

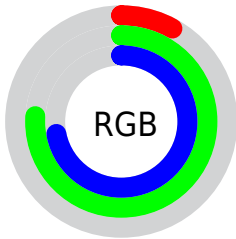
Format	Color
R_{YB}	21, 110, 194
Decimal	1426104
CIE _{Lab}	71.01, -41.36, -6.32
CIE _{LCh}	71, 41.837, 188.683
Yxy	42.2037, 0.2307, 0.3446
Android (android.graphics.Color)	4279616184 (0xFF15C2B8)
YUV	141.1330, 21.1334, -105.3566
Hunter-Lab	64.9644, -36.0586, -1.9870

Details

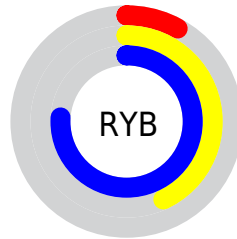
The Hex color **15C2B8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C2151F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6BFBF0**, and **008B83** is the 20% darker color. If you saturate the color by 10%, you get **02C2B7**, and if you desaturate by 10%, it is **28C2B9**.

Distribution



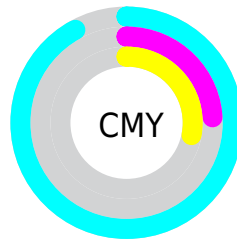
- Red (8%)
- Green (76%)
- Blue (72%)



- Red (8%)
- Yellow (43%)
- Blue (76%)



- Cyan (89%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (92%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C2B8 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 15C2B8 by changing the saturation by 10% instead.

 15C2B8

 15C2B8

FFFFFF

 00A69D

 6BFBF0

 008B83

 8BFFFF

 00716A

 AAFFFF

 005852

 C8FFFF

 00403B

 E7FFFF

 002A25

 000811

 000000

 15C2B8

 15C2B8

■ 02C2B7

■ 28C2B9

■ 00C2B7

■ 3CC2BA

■ 4FC2BB

■ 63C2BC

■ 76C2BE

■ 89C2BF

■ 9DC2C0

■ B0C2C1

■ C4C2C2

Harmonies

Analogous

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



61C091



15C2B8



00C0DC

Triad

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



15C2B8



C0A0E9



DDA267

Complementary

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



15C2B8



C2151F

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.



F39680



15C2B8



E694CA

Square

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



15C2B8



87AEF9



F78FA4



BBAF61

Rectangle

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



15C2B8



0ABCEE



F78FA4



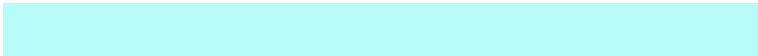
E69E6E

Sweetspot

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



15C2B8



B8FCF9



21C215



57807D



000000



808080

Same Dimension

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



15C2B8



00FCEE



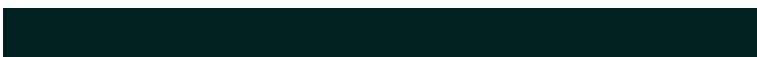
1577C2



576160



00A197



00211F

Inverse Universe

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



C2151F



FC000F



C26015



615758



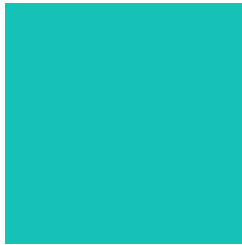
A10009



210002

Previews

White Background



This preview shows how the Hex color 15C2B8 looks on a white background.

Color Contrast Check

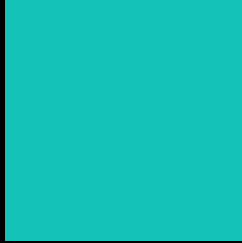
Large Text (above 18pt) WCAG AA × Fail

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 15C2B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

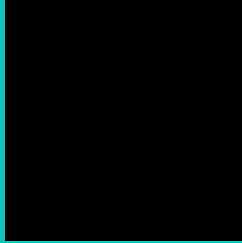
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

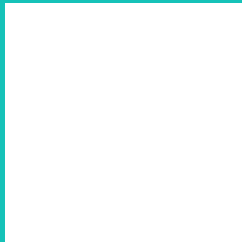
Any Text WCAG AAA ✓ Pass

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

Hex 15C2B8 Background



This preview shows how black text looks on a background with the Hex color 15C2B8.

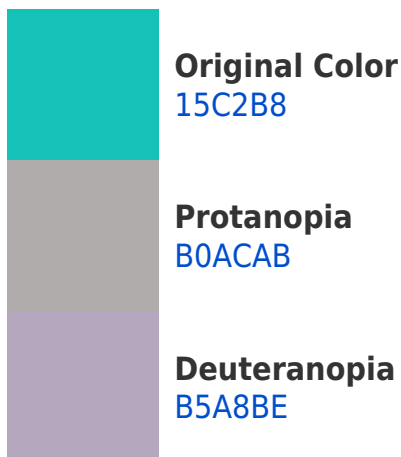


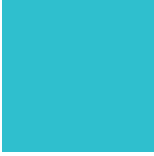
This preview shows how white text looks on a background with the Hex color 15C2B8.

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





Trichromacy



Original Color
15C2B8



Protanomaly
78B4B0



Deuteranomaly
7BB1BC



Tritanomaly
26C0C6

Monochromacy



Original Color
15C2B8



Achromatopsia
8D8D8D



Achromatomaly
61A09D

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C2B8 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 #15C2B8 looks like.

```
.text, #text, p{  
    color:#15C2B8  
}
```

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 #15C2B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C2B8
}
```

Border

The CSS property to change the border of an element to Hex 15C2B8 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
#15C2B8 }
```

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

```
.border{ border-color:#15C2B8 }
```

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

Here you see how a box with a 4 pixel #15C2B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C2B8; -webkit-box-shadow:4px 4px  
4px 4px #15C2B8; box-shadow:4px 4px 4px  
4px #15C2B8 }
```

Background

The CSS property to change the background color of an element to Hex 15C2B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C2B8 }
```

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

```
.background{ background-color:#15C2B8 }
```

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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