

Converting Colors

Hex(15C6B8)

Have a look what the booklet for
Hex(15C6B8) contains.

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Color

Hex(15C6B8)

Conversions

Conversions Part 1

Format	Color
Hex	15C6B8
RGB	21, 198, 184
RGB Percent	8%, 78%, 72%
CMY	0.9176, 0.2235, 0.2784
CMYK	0.89, 0.00, 0.07, 0.22
HSL	175°, 81%, 43%
HSV	175°, 89%, 78%
XYZ	29.1551, 44.0083, 52.3052
YIQ	143.4810, -100.9980, -41.8780

Conversions

Conversions Part 2

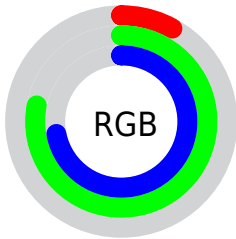
Format	Color
RYB	21, 113, 198
Decimal	1427128
CIELab	72.23, -43.11, -4.51
CIELCh	72, 43.348, 185.970
Yxy	44.0083, 0.2324, 0.3508
Android (android.graphics.Color)	4279617208 (0xFF15C6B8)
YUV	143.4810, 19.9759, -107.4158
Hunter-Lab	66.3387, -37.6442, -0.3105

Details

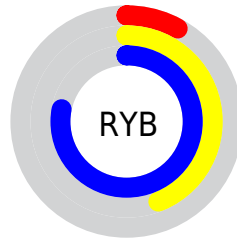
The Hex color **15C6B8** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C61523**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6BFFF0**, and **008F83** is the 20% darker color. If you saturate the color by 10%, you get **01C6B6**, and if you desaturate by 10%, it is **29C6BA**.

Distribution



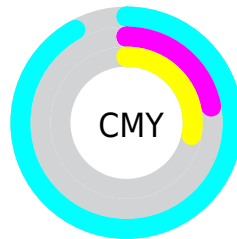
- Red (8%)
- Green (78%)
- Blue (72%)



- Red (8%)
- Yellow (44%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C6B8 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 15C6B8 by changing the saturation by 10% instead.

 15C6B8

 15C6B8

FFFFFF

 00AA9D

 6BFFF0

 008F83

 8CFFFF

 00756A

 ABFFFF

 005B52

 CAFFFF

 00433B

 E8FFFF

 002C25

 000F11

 000000

 15C6B8

 15C6B8

■ 01C6B6

■ 29C6BA

■ 00C6B6

■ 3DC6BB

■ 50C6BD

■ 64C6BE

■ 78C6C0

■ 8CC6C1

■ A0C6C3

■ B3C6C5

■ C7C6C6

Harmonies

Analogous

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



66C390



15C6B8



00C4DE

Triad

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



15C6B8



C0A4F1



E5A469

Complementary

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



15C6B8



C61523

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.



FA9785



15C6B8



E997D2

Square

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



15C6B8



82B2FF



FC91AB



C3B161

Rectangle

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



15C6B8



00C1F2



FC91AB



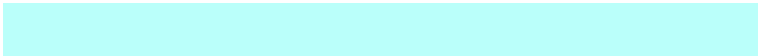
ED9F71

Sweetspot

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



15C6B8



BAFFFA



24C615



57807C



000000



808080

Same Dimension

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



15C6B8



00FFEB



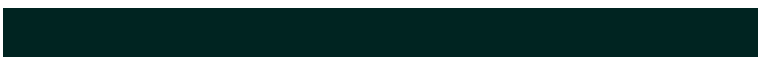
157CC6



5A6363



00A396



002421

Inverse Universe

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



C61523



FF0014



C65F15



635A5A



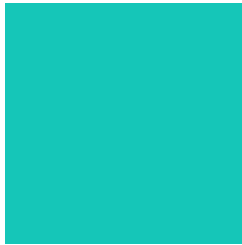
A3000D



240003

Previews

White Background



This preview shows how the Hex color 15C6B8 looks on a white background.

Color Contrast Check

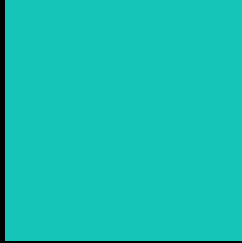
Large Text (above 18pt) WCAG AA × Fail

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 15C6B8 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

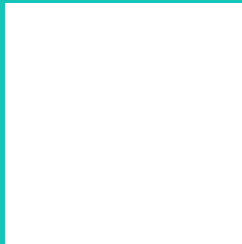
Any Text WCAG AAA ✓ Pass

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

Hex 15C6B8 Background



This preview shows how black text looks on a background with the Hex color 15C6B8.

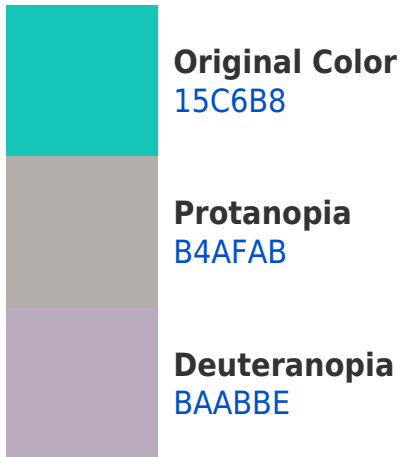


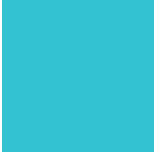
This preview shows how white text looks on a background with the Hex color 15C6B8.

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
32C2D2

Trichromacy



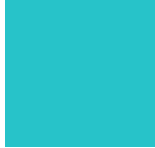
Original Color
15C6B8



Protanomaly
7AB7B0



Deuteranomaly
7EB5BC



Tritanomaly
27C3C9

Monochromacy



Original Color
15C6B8



Achromatopsia
8F8F8F



Achromatomaly
63A39E

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C6B8 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 #15C6B8 looks like.

```
.text, #text, p{  
    color:#15C6B8  
}
```

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 #15C6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C6B8
}
```

Border

The CSS property to change the border of an element to Hex 15C6B8 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
#15C6B8 }
```

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

```
.border{ border-color:#15C6B8 }
```

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

Here you see how a box with a 4 pixel #15C6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C6B8; -webkit-box-shadow:4px 4px  
4px 4px #15C6B8; box-shadow:4px 4px 4px  
4px #15C6B8 }
```

Background

The CSS property to change the background color of an element to Hex 15C6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C6B8 }
```

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

```
.background{ background-color:#15C6B8 }
```

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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