

Converting Colors

Hex(2CB8B8)

Have a look what the booklet for
Hex(2CB8B8) contains.

Hex(2CB8B8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2CB8B8)

Conversions

Conversions Part 1

Format	Color
Hex	2CB8B8
RGB	44, 184, 184
RGB Percent	17%, 72%, 72%
CMY	0.8275, 0.2784, 0.2784
CMYK	0.76, 0.00, 0.00, 0.28
HSL	180°, 61%, 45%
HSV	180°, 76%, 72%
XYZ	26.8309, 38.2771, 51.3215
YIQ	142.1400, -83.4400, -29.6800

Conversions

Conversions Part 2

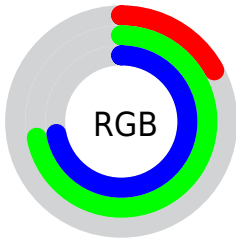
Format	Color
R _Y B	44, 114, 184
Decimal	2930872
CIE Lab	68.22, -35.04, -10.43
CIE LCh	68, 36.560, 196.581
Yxy	38.2771, 0.2304, 0.3288
Android (android.graphics.Color)	4281120952 (0xFF2CB8B8)
YUV	142.1400, 20.6370, -86.0688
Hunter-Lab	61.8685, -30.8587, -5.8746

Details

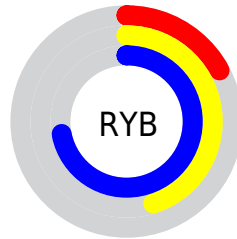
The Hex color **2CB8B8** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B82C2C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72F1F0**, and **008283** is the 20% darker color. If you saturate the color by 10%, you get **1AB8B8**, and if you desaturate by 10%, it is **3EB8B8**.

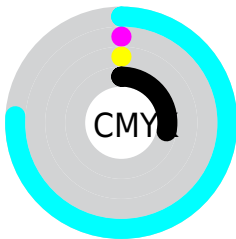
Distribution



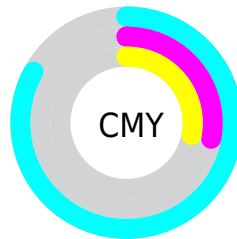
- Red (17%)
- Green (72%)
- Blue (72%)



- Red (17%)
- Yellow (45%)
- Blue (72%)



- Cyan (76%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (83%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB8B8 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 2CB8B8 by changing the saturation by 10% instead.

 2CB8B8

 2CB8B8

FFFFFF

 009D9D

 72F1F0

 008283

 91FFFF

 00696A

 AFFFFFF

 005052

 CEFFFF

 00383B

 ECFFFF

 002425

 000111

 000000

 2CB8B8

 2CB8B8

 1AB8B8

 3EB8B8

 07B8B8

 51B8B8

 00B8B8

 63B8B8

 76B8B8

 88B8B8

 9AB8B8

 ADB8B8

 BFB8B8

 D2B8B8

Harmonies

Analogous

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



5BB796



2CB8B8



25B5D5

Triad

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



2CB8B8



C197D4



C99F66

Complementary

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



2CB8B8



B82C2C

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.



DF9478



2CB8B8



DD8EB7

Square

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



2CB8B8



94A3E5



E78D95



AAAA66

Rectangle

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



2CB8B8



49B1E2



E78D95



D29B6A

Sweetspot

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



2CB8B8



B9F0F0



2CB82C



567878



F7F7F7



787878

Same Dimension

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



2CB8B8



16F0F0



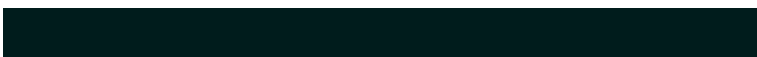
2C72B8



535C5C



009C9C



001C1C

Inverse Universe

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



B82CB8



F016F0



B8722C



5C535C



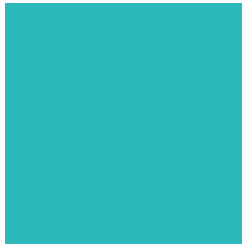
9C009C



1C001C

Previews

White Background



This preview shows how the Hex color 2CB8B8 looks on a white background.

Color Contrast Check

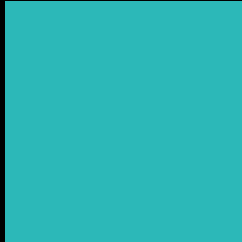
Large Text (above 18pt) WCAG AA × Fail

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 2CB8B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

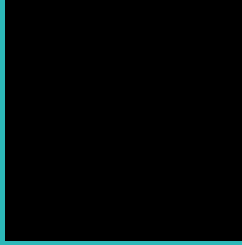
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

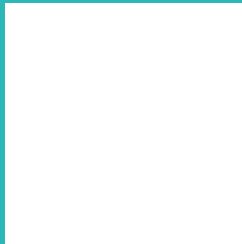
Any Text WCAG AAA ✓ Pass

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

Hex 2CB8B8 Background



This preview shows how black text looks on a background with the Hex color 2CB8B8.

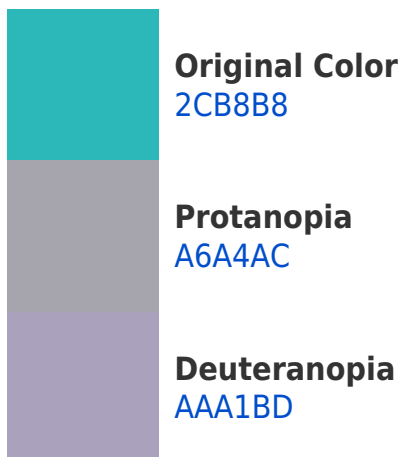


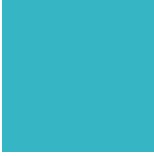
This preview shows how white text looks on a background with the Hex color 2CB8B8.

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
36B6C5

Trichromacy



Original Color
2CB8B8



Protanomaly
7AABB0



Deuteranomaly
7CA9BB



Tritanomaly
32B7C0

Monochromacy



Original Color
2CB8B8



Achromatopsia
8E8E8E



Achromatomaly
6A9D9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB8B8 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 #2CB8B8 looks like.

```
.text, #text, p{  
    color:#2CB8B8  
}
```

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 #2CB8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB8B8
}
```

Border

The CSS property to change the border of an element to Hex 2CB8B8 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
#2CB8B8 }
```

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

```
.border{ border-color:#2CB8B8 }
```

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

Here you see how a box with a 4 pixel #2CB8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB8B8; -webkit-box-shadow:4px 4px  
4px 4px #2CB8B8; box-shadow:4px 4px 4px  
4px #2CB8B8 }
```

Background

The CSS property to change the background color of an element to Hex 2CB8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB8B8 }
```

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

```
.background{ background-color:#2CB8B8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor