

Converting Colors

Hex(30C9BC)

Have a look what the booklet for
Hex(30C9BC) contains.

Hex(30C9BC)	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(30C9BC)

Conversions

Conversions Part 1

Format	Color
Hex	30C9BC
RGB	48, 201, 188
RGB Percent	19%, 79%, 74%
CMY	0.8118, 0.2118, 0.2627
CMYK	0.76, 0.00, 0.06, 0.21
HSL	175°, 61%, 49%
HSV	175°, 76%, 79%
XYZ	31.1827, 46.0325, 54.8186
YIQ	153.7710, -87.0150, -36.4790

Conversions

Conversions Part 2

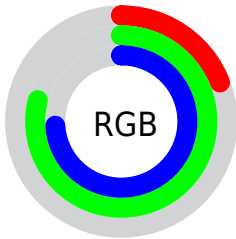
Format	Color
RYB	48, 128, 201
Decimal	3197372
CIELab	73.57, -41.21, -4.68
CIELCh	74, 41.479, 186.479
Yxy	46.0325, 0.2362, 0.3486
Android (android.graphics.Color)	4281387452 (0xFF30C9BC)
YUV	153.7710, 16.8749, -92.7612
Hunter-Lab	67.8473, -36.6939, -0.4115

Details

The Hex color **30C9BC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C9303D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **77FFF4**, and **009287** is the 20% darker color. If you saturate the color by 10%, you get **1CC9BA**, and if you desaturate by 10%, it is **44C9BE**.

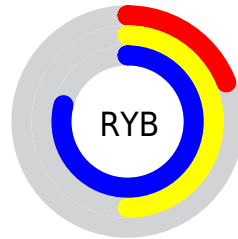
Distribution



Red (19%)

Green (79%)

Blue (74%)



Red (19%)

Yellow (50%)

Blue (79%)

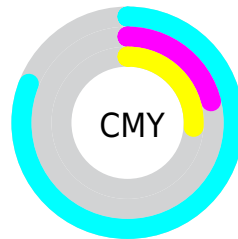


Cyan (76%)

Magenta (0%)

Yellow (6%)

Black (21%)



Cyan (81%)

Magenta (21%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C9BC 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 30C9BC by changing the saturation by 10% instead.

 30C9BC

 30C9BC

FFFFFF

 00ADA1

 77FFF4

 009287

 97FFFF

 00786E

 B5FFFF

 005E55

 D4FFFF

 00463E

 F2FFFF

 002F28

 001514

 000000

 30C9BC

 30C9BC

■ 1CC9BA

■ 44C9BE

■ 08C9B9

■ 58C9BF

■ 00C9B8

■ 6CC9C1

■ 80C9C3

■ 95C9C5

■ A9C9C6

■ BDC9C8

■ D1C9CA

■ E5C9CB

Harmonies

Analogous

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



6DC695



30C9BC



00C7E1

Triad

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



30C9BC



C4A8F2



E6A870

Complementary

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



30C9BC



C9303D

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.



FB9C89



30C9BC



EB9BD4

Square

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



30C9BC



8AB6FF



FD97AE



C5B568

Rectangle

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



30C9BC



20C3F3



FD97AE



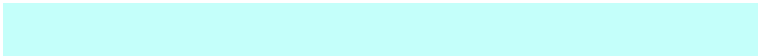
EFA476

Sweetspot

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



30C9BC



C4FFFA



3FC930



5C807C



000000



808080

Same Dimension

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



30C9BC



17FFEB



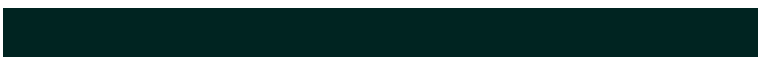
308CC9



5A6363



00A395



002421

Inverse Universe

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



C9303D



FF172B



C96D30



635A5A



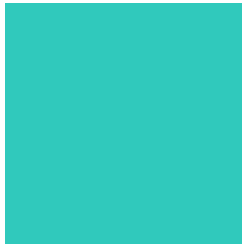
A3000E



240003

Previews

White Background



This preview shows how the Hex color 30C9BC looks on a white background.

Color Contrast Check

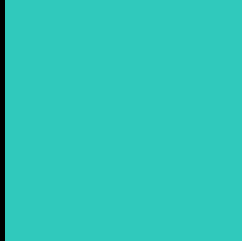
Large Text (above 18pt) WCAG AA × Fail

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 30C9BC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

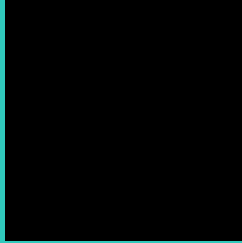
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

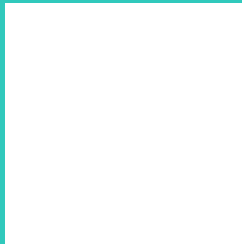
Any Text WCAG AAA ✓ Pass

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

Hex 30C9BC Background



This preview shows how black text looks on a background with the Hex color 30C9BC.



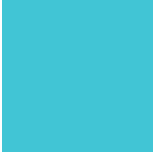
This preview shows how white text looks on a background with the Hex color 30C9BC.

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
41C5D5

Trichromacy



Original Color
30C9BC



Protanomaly
86BAB4



Deuteranomaly
8AB8C0



Tritanomaly
3BC6CC

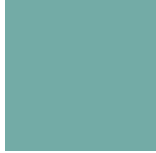
Monochromacy



Original Color
30C9BC



Achromatopsia
9A9A9A



Achromatomaly
73ABA6

CSS Examples

Text

The CSS property to change the color of the text to Hex 30C9BC 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 #30C9BC looks like.

```
.text, #text, p{  
    color:#30C9BC  
}
```

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 #30C9BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C9BC
}
```

Border

The CSS property to change the border of an element to Hex 30C9BC 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
#30C9BC }
```

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

```
.border{ border-color:#30C9BC }
```

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

Here you see how a box with a 4 pixel #30C9BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C9BC; -webkit-box-shadow:4px 4px  
4px 4px #30C9BC; box-shadow:4px 4px 4px  
4px #30C9BC }
```

Background

The CSS property to change the background color of an element to Hex 30C9BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C9BC }
```

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

```
.background{ background-color:#30C9BC }
```

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