

Converting Colors

Hex(30C1B9)

Have a look what the booklet for
Hex(30C1B9) contains.

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Color

Hex(30C1B9)

Conversions

Conversions Part 1

Format	Color
Hex	30C1B9
RGB	48, 193, 185
RGB Percent	19%, 76%, 73%
CMY	0.8118, 0.2431, 0.2745
CMYK	0.75, 0.00, 0.04, 0.24
HSL	177°, 60%, 47%
HSV	177°, 75%, 76%
XYZ	29.0458, 42.2711, 52.5272
YIQ	148.7330, -83.8520, -33.2280

Conversions

Conversions Part 2

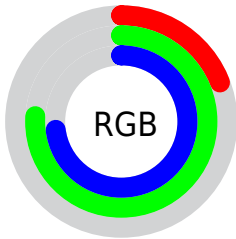
Format	Color
RYB	48, 123, 193
Decimal	3195321
CIELab	71.06, -38.46, -6.76
CIELCh	71, 39.052, 189.966
Yxy	42.2711, 0.2345, 0.3413
Android (android.graphics.Color)	4281385401 (0xFF30C1B9)
YUV	148.7330, 17.8796, -88.3428
Hunter-Lab	65.0162, -34.0339, -2.3896

Details

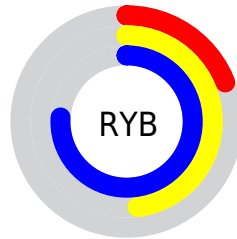
The Hex color **30C1B9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C13038**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **76FAF1**, and **008B84** is the 20% darker color. If you saturate the color by 10%, you get **1DC1B8**, and if you desaturate by 10%, it is **43C1BA**.

Distribution



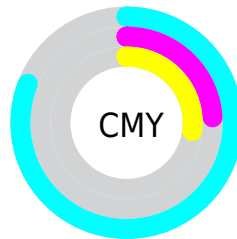
- Red (19%)
- Green (76%)
- Blue (73%)



- Red (19%)
- Yellow (48%)
- Blue (76%)



- Cyan (75%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (81%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C1B9 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 30C1B9 by changing the saturation by 10% instead.

 30C1B9

 30C1B9

FFFFFF

 00A59E

 76FAF1

 008B84

 95FFFF

 00716B

 B3FFFF

 005753

 D2FFFF

 003F3C

 F0FFFF

 002926

 000812

 000000

 30C1B9

 30C1B9

■ 1DC1B8

■ 43C1BA

■ 09C1B7

■ 57C1BB

■ 00C1B6

■ 6AC1BC

■ 7DC1BD

■ 91C1BE

■ A4C1BF

■ B7C1C0

■ CAC1C2

■ DEC1C3

Harmonies

Analogous

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



66BF94



30C1B9



00BFDA

Triad

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



30C1B9



C1A0E5



DAA46B

Complementary

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



30C1B9



C13038

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.



EE9882



30C1B9



E495C7

Square

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



30C1B9



8EADF4



F392A3



BAB067

Rectangle

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



30C1B9



36BBEB



F392A3



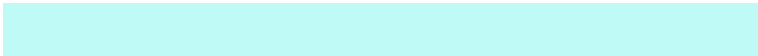
E29F71

Sweetspot

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



30C1B9



C0FAF7



3AC130



5A7D7B



FCFCFC



7D7D7D

Same Dimension

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



30C1B9



19FAED



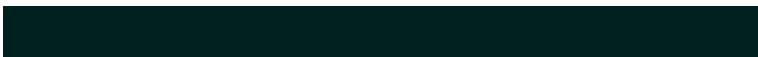
3082C1



576160



00A198



00211F

Inverse Universe

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



C13038



FA1925



C16F30



615758



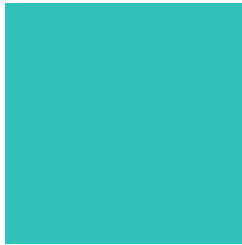
A10009



210002

Previews

White Background



This preview shows how the Hex color 30C1B9 looks on a white background.

Color Contrast Check

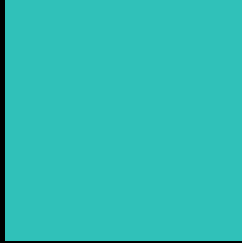
Large Text (above 18pt) WCAG AA × Fail

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 30C1B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

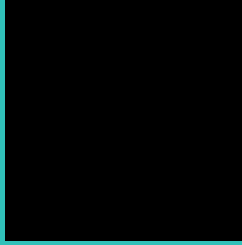
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

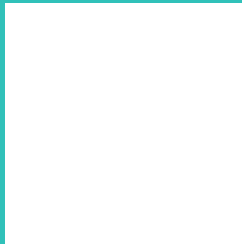
Any Text WCAG AAA ✓ Pass

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

Hex 30C1B9 Background



This preview shows how black text looks on a background with the Hex color 30C1B9.

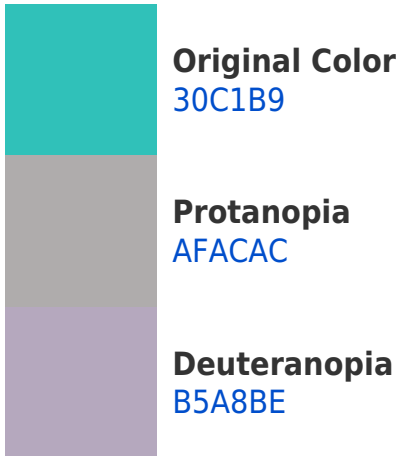


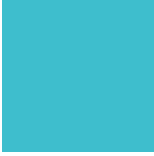
This preview shows how white text looks on a background with the Hex color 30C1B9.

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



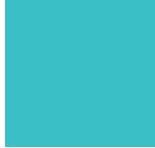
Original Color
30C1B9



Protanomaly
81B4B1



Deuteranomaly
85B1BC



Tritanomaly
39BFC6

Monochromacy



Original Color
30C1B9



Achromatopsia
959595



Achromatomaly
70A5A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 30C1B9 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 #30C1B9 looks like.

```
.text, #text, p{  
    color:#30C1B9  
}
```

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 #30C1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C1B9
}
```

Border

The CSS property to change the border of an element to Hex 30C1B9 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
#30C1B9 }
```

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

```
.border{ border-color:#30C1B9 }
```

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

Here you see how a box with a 4 pixel #30C1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C1B9; -webkit-box-shadow:4px 4px  
4px 4px #30C1B9; box-shadow:4px 4px 4px  
4px #30C1B9 }
```

Background

The CSS property to change the background color of an element to Hex 30C1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C1B9 }
```

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

```
.background{ background-color:#30C1B9 }
```

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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