

Converting Colors

Hex(30C1B3)

Have a look what the booklet for
Hex(30C1B3) contains.

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Color

Hex(30C1B3)

Conversions

Conversions Part 1

Format	Color
Hex	30C1B3
RGB	48, 193, 179
RGB Percent	19%, 76%, 70%
CMY	0.8118, 0.2431, 0.2980
CMYK	0.75, 0.00, 0.07, 0.24
HSL	174°, 60%, 47%
HSV	174°, 75%, 76%
XYZ	28.4256, 42.0230, 49.2609
YIQ	148.0490, -81.9260, -35.0940

Conversions

Conversions Part 2

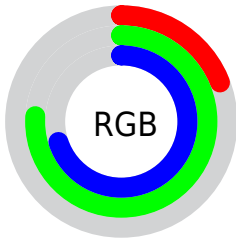
Format	Color
RYB	48, 124, 193
Decimal	3195315
CIELab	70.89, -40.14, -3.73
CIElCh	71, 40.315, 185.311
Yxy	42.0230, 0.2375, 0.3510
Android (android.graphics.Color)	4281385395 (0xFF30C1B3)
YUV	148.0490, 15.2588, -87.7430
Hunter-Lab	64.8251, -35.1724, 0.3229

Details

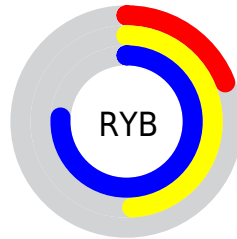
The Hex color **30C1B3** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **C1303E**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **75FAEB**, and **008B7E** is the 20% darker color. If you saturate the color by 10%, you get **1DC1B1**, and if you desaturate by 10%, it is **43C1B5**.

Distribution



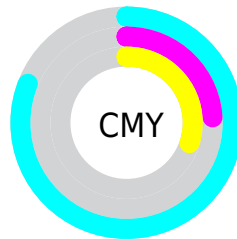
- Red (19%)
- Green (76%)
- Blue (70%)



- Red (19%)
- Yellow (49%)
- Blue (76%)



- Cyan (75%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (81%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C1B3 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 30C1B3 by changing the saturation by 10% instead.

 30C1B3


 30C1B3

FFFFFF

 00A598

 75FAEB

 008B7E

 94FFFF

 007165

 B2FFFF

 00574E

 D1FFFF

 003F37

 EFFFFFF

 002922

 00070C

 000000

 30C1B3

 30C1B3

■ 1DC1B1

■ 43C1B5

■ 09C1AF

■ 57C1B7

■ 00C1AE

■ 6AC1B9

■ 7DC1BA

■ 91C1BC

■ A4C1BE

■ B7C1C0

■ CAC1C2

■ DEC1C4

Harmonies

Analogous

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



6ABE8E



30C1B3



00BFD7

Triad

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



30C1B3



BAA2E9



DEA16B

Complementary

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



30C1B3



C1303E

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.



F19585



30C1B3



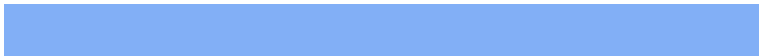
E195CD

Square

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



30C1B3



82AFF6



F390A8



BFAD63

Rectangle

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



30C1B3



18BCE9



F390A8



E69C72

Sweetspot

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



30C1B3



C0FAF4



3FC130



5A7D7A



FCFCFC



7D7D7D

Same Dimension

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



30C1B3



19FAE4



3087C1



576160



00A191



00211E

Inverse Universe

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



C1303E



FA192F



C16A30



615758



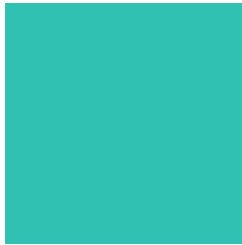
A10010



210003

Previews

White Background



This preview shows how the Hex color 30C1B3 looks on a white background.

Color Contrast Check

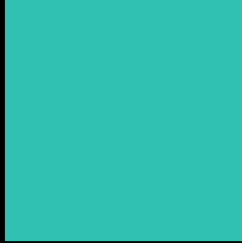
Large Text (above 18pt) WCAG AA × Fail

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 30C1B3 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

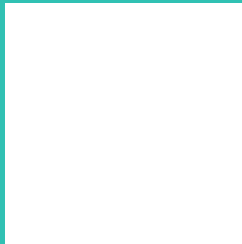
Any Text WCAG AAA ✓ Pass

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

Hex 30C1B3 Background



This preview shows how black text looks on a background with the Hex color 30C1B3.



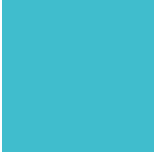
This preview shows how white text looks on a background with the Hex color 30C1B3.

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
40BDCD

Trichromacy



Original Color
30C1B3



Protanomaly
81B3AB



Deuteranomaly
86B0B7



Tritanomaly
3ABEC4

Monochromacy



Original Color
30C1B3



Achromatopsia
949494



Achromatomaly
70A49F

CSS Examples

Text

The CSS property to change the color of the text to Hex 30C1B3 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 #30C1B3 looks like.

```
.text, #text, p{  
    color:#30C1B3  
}
```

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 #30C1B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C1B3
}
```

Border

The CSS property to change the border of an element to Hex 30C1B3 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
#30C1B3 }
```

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

```
.border{ border-color:#30C1B3 }
```

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

Here you see how a box with a 4 pixel #30C1B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C1B3; -webkit-box-shadow:4px 4px  
4px 4px #30C1B3; box-shadow:4px 4px 4px  
4px #30C1B3 }
```

Background

The CSS property to change the background color of an element to Hex 30C1B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C1B3 }
```

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

```
.background{ background-color:#30C1B3 }
```

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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