

Converting Colors

Hex(30C3D3)

Have a look what the booklet for
Hex(30C3D3) contains.

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Color

Hex(30C3D3)

Conversions

Conversions Part 1

Format	Color
Hex	30C3D3
RGB	48, 195, 211
RGB Percent	19%, 76%, 83%
CMY	0.8118, 0.2353, 0.1725
CMYK	0.77, 0.08, 0.00, 0.17
HSL	186°, 65%, 51%
HSV	186°, 77%, 83%
XYZ	32.4919, 44.3617, 68.4782
YIQ	152.8710, -92.7480, -26.1880

Conversions

Conversions Part 2

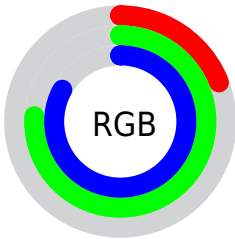
Format	Color
RYB	48, 125, 211
Decimal	3195859
CIELab	72.47, -31.73, -18.82
CIELCh	72, 36.888, 210.677
Yxy	44.3617, 0.2236, 0.3052
Android (android.graphics.Color)	4281385939 (0xFF30C3D3)
YUV	152.8710, 28.6576, -91.9719
Hunter-Lab	66.6046, -29.4799, -14.3346

Details

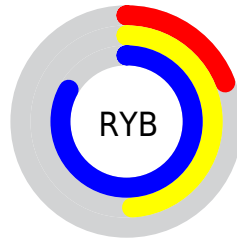
The Hex color **30C3D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D34030**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **79FCFF**, and **008D9C** is the 20% darker color. If you saturate the color by 10%, you get **1BC1D3**, and if you desaturate by 10%, it is **45C5D3**.

Distribution



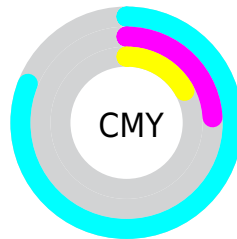
- Red (19%)
- Green (76%)
- Blue (83%)



- Red (19%)
- Yellow (49%)
- Blue (83%)



- Cyan (77%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)



- Cyan (81%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30C3D3 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 30C3D3 by changing the saturation by 10% instead.

 30C3D3

 30C3D3

FFFFFF

 00A8B7

 79FCFF

 008D9C

 98FFFF

 007382

 B7FFFF

 005A69

 D6FFFF

 004251

 F5FFFF

 002B3A

 001225

 00010E

 000000

■ 30C3D3

■ 30C3D3

■ 1BC1D3

■ 45C5D3

■ 06BFD3

■ 5AC7D3

■ 00BED3

■ 6FC9D3

■ 84CBD3

■ 9ACDD3

■ AFCFD3

■ C4D1D3

■ D9D4D3

■ EED6D3

Harmonies

Analogous

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



51C4B1



30C3D3



4CBEEC

Triad

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



30C3D3



DD9DD3



C8B06E

Complementary

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



30C3D3



D34030

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.



E3A478



30C3D3



F198B2

Square

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



30C3D3



B7A9EC



F39B91



A4BA77

Rectangle

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



30C3D3



70B8F4



F39B91



D2AC6F

Sweetspot

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



30C3D3



C4F9FF



30D33E



5C7C80



000000



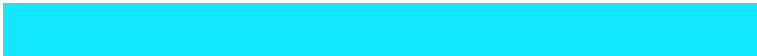
808080

Same Dimension

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



30C3D3



12E8FF



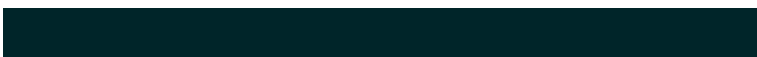
3074D3



5E6869



0098A8



002529

Inverse Universe

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



D330C3



FF12E8



D38F30



695E68



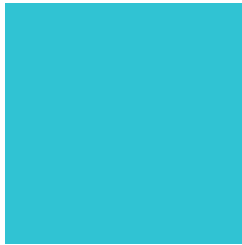
A80098



290025

Previews

White Background



This preview shows how the Hex color 30C3D3 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 30C3D3 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 30C3D3 Background



This preview shows how black text looks on a background with the Hex color 30C3D3.

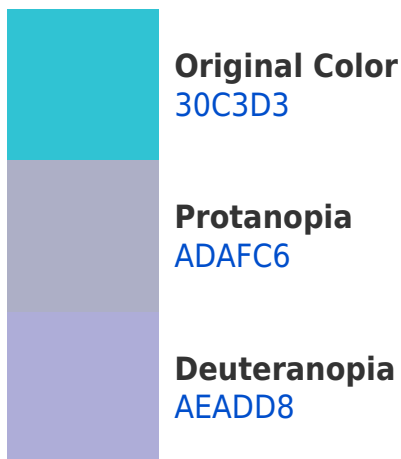


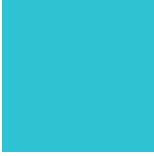
This preview shows how white text looks on a background with the Hex color 30C3D3.

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](#).

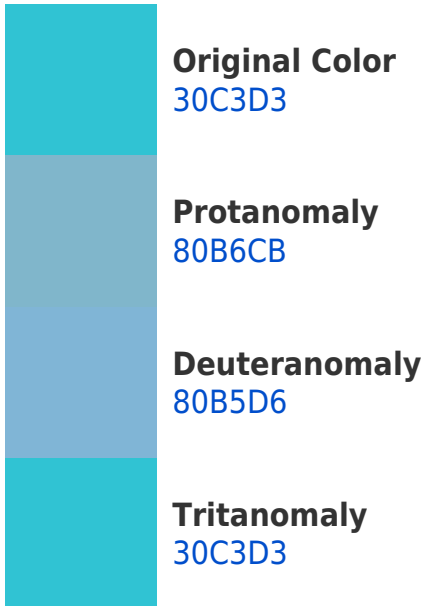
Dichromacy





Tritanopia
30C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30C3D3 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 #30C3D3 looks like.

```
.text, #text, p{  
    color:#30C3D3  
}
```

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 #30C3D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30C3D3
}
```

Border

The CSS property to change the border of an element to Hex 30C3D3 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
#30C3D3 }
```

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

```
.border{ border-color:#30C3D3 }
```

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

Here you see how a box with a 4 pixel #30C3D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30C3D3; -webkit-box-shadow:4px 4px  
4px 4px #30C3D3; box-shadow:4px 4px 4px  
4px #30C3D3 }
```

Background

The CSS property to change the background color of an element to Hex 30C3D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30C3D3 }
```

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

```
.background{ background-color:#30C3D3 }
```

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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