

Converting Colors

Hex(34D0C0)

Have a look what the booklet for
Hex(34D0C0) contains.

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Color

Hex(34D0C0)

Conversions

Conversions Part 1

Format	Color
Hex	34D0C0
RGB	52, 208, 192
RGB Percent	20%, 82%, 75%
CMY	0.7961, 0.1843, 0.2471
CMYK	0.75, 0.00, 0.08, 0.18
HSL	174°, 62%, 51%
HSV	174°, 75%, 82%
XYZ	33.4865, 49.6476, 57.6872
YIQ	159.5320, -87.8400, -38.0480

Conversions

Conversions Part 2

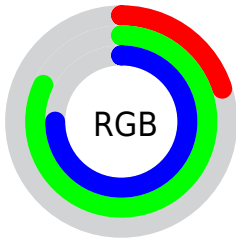
Format	Color
RYB	52, 134, 208
Decimal	3461312
CIELab	75.85, -42.78, -3.47
CIELCh	76, 42.916, 184.635
Yxy	49.6476, 0.2378, 0.3526
Android (android.graphics.Color)	4281651392 (0xFF34D0C0)
YUV	159.5320, 16.0067, -94.3056
Hunter-Lab	70.4610, -38.4750, 0.7814

Details

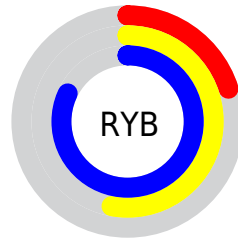
The Hex color **34D0C0** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D03444**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7BFFF8**, and **00998B** is the 20% darker color. If you saturate the color by 10%, you get **1FD0BE**, and if you desaturate by 10%, it is **49D0C2**.

Distribution



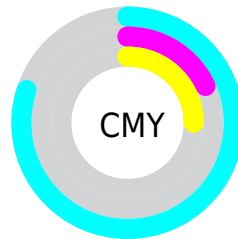
- Red (20%)
- Green (82%)
- Blue (75%)



- Red (20%)
- Yellow (53%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (8%)
- Black (18%)



- Cyan (80%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34D0C0 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 34D0C0 by changing the saturation by 10% instead.

 34D0C0

 34D0C0

FFFFFF

 00B4A5

 7BFFF8

 00998B

 9AFFFF

 007E71

 B9FFFF

 006459

 D8FFFF

 004C42

 F7FFFF

 00342C

 001D17

 000000

 34D0C0

 34D0C0

■ 1FD0BE

■ 49D0C2

■ 0AD0BC

■ 5ED0C4

■ 00D0BB

■ 72D0C6

■ 87D0C9

■ 9CD0CB

■ B1D0CD

■ C6D0CF

■ DAD0D1

■ EFD0D3

Harmonies

Analogous

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



74CD98



34D0C0



00CEE7

Triad

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



34D0C0



C7AEFC



F0AD74

Complementary

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



34D0C0



D03444

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.



FFA190



34D0C0



F2A1DE

Square

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



34D0C0



8ABDFF



FF9CB6



CFBB6B

Rectangle

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



34D0C0



10CBFB



FF9CB6



F9A87C

Sweetspot

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



34D0C0



C4FFF9



46D034



5C807C



000000



808080

Same Dimension

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



34D0C0



19FFE7



3494D0



5E6967



00A897



002925

Inverse Universe

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



D03444



FF1931



D07034



695E5F



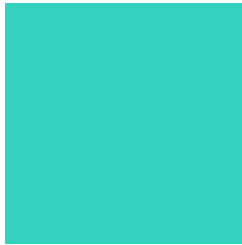
A80011



290004

Previews

White Background



This preview shows how the Hex color 34D0C0 looks on a white background.

Color Contrast Check

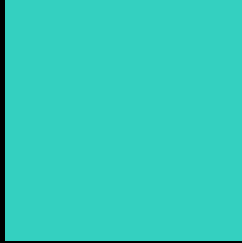
Large Text (above 18pt) WCAG AA × Fail

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 34D0C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

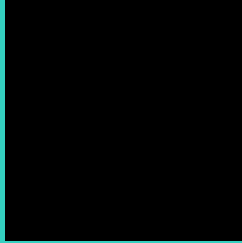
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

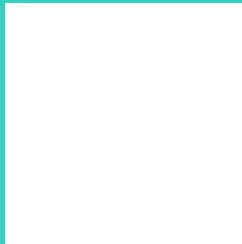
Any Text WCAG AAA ✓ Pass

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

Hex 34D0C0 Background



This preview shows how black text looks on a background with the Hex color 34D0C0.



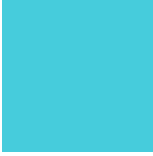
This preview shows how white text looks on a background with the Hex color 34D0C0.

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

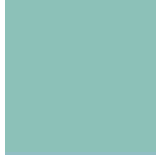




Trichromacy



Original Color
34D0C0



Protanomaly
8CC1B8



Deuteranomaly
91BEC4

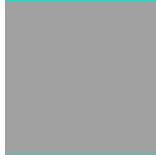


Tritanomaly
3FCDD2

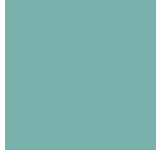
Monochromacy



Original Color
34D0C0



Achromatopsia
A0A0A0



Achromatomaly
79B1AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 34D0C0 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 #34D0C0 looks like.

```
.text, #text, p{  
    color:#34D0C0  
}
```

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 #34D0C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D0C0
}
```

Border

The CSS property to change the border of an element to Hex 34D0C0 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
#34D0C0 }
```

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

```
.border{ border-color:#34D0C0 }
```

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

Here you see how a box with a 4 pixel #34D0C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D0C0; -webkit-box-shadow:4px 4px  
4px 4px #34D0C0; box-shadow:4px 4px 4px  
4px #34D0C0 }
```

Background

The CSS property to change the background color of an element to Hex 34D0C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D0C0 }
```

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

```
.background{ background-color:#34D0C0 }
```

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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