

# Converting Colors

Hex(34D0C8)

Have a look what the booklet for  
Hex(34D0C8) contains.

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# Color

Hex(34D0C8)

# Conversions

## Conversions Part 1

Format	Color
Hex	34D0C8
RGB	52, 208, 200
RGB Percent	20%, 82%, 78%
CMY	0.7961, 0.1843, 0.2157
CMYK	0.75, 0.00, 0.04, 0.18
HSL	177°, 62%, 51%
HSV	177°, 75%, 82%
XYZ	34.3974, 50.0119, 62.4839
YIQ	160.4440, -90.4080, -35.5600

# Conversions

## Conversions Part 2

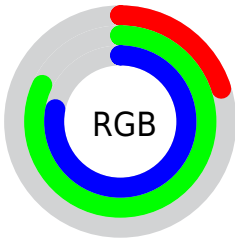
Format	Color
<a href="#">RYB</a>	<a href="#">52, 132, 208</a>
Decimal	<a href="#">3461320</a>
CIELab	<a href="#">76.08, -40.57, -7.45</a>
CIELCh	<a href="#">76, 41.246, 190.403</a>
Yxy	<a href="#">50.0119, 0.2342, 0.3405</a>
Android (android.graphics.Color)	<a href="#">4281651400</a> ( <a href="#">0xFF34D0C8</a> )
YUV	<a href="#">160.4440, 19.5011, -95.1054</a>
Hunter-Lab	<a href="#">70.7191, -36.9371, -2.8823</a>

# Details

The Hex color **34D0C8** 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 **D0343C**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **7CFFFF**, and **009992** is the 20% darker color. If you saturate the color by 10%, you get **1FD0C7**, and if you desaturate by 10%, it is **49D0C9**.

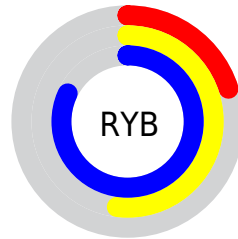
# Distribution



Red (20%)

Green (82%)

Blue (78%)



Red (20%)

Yellow (52%)

Blue (82%)

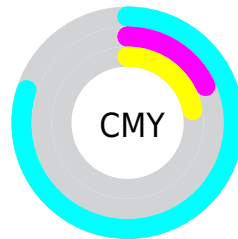


Cyan (75%)

Magenta (0%)

Yellow (4%)

Black (18%)



Cyan (80%)

Magenta (18%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34D0C8 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 34D0C8 by changing the saturation by 10% instead.



 34D0C8

 34D0C8

FFFFFF

 00B4AD

 7CFFFF

 009992

 9BFFFF

 007E79

 BAFFFF

 006560

 D9FFFF

 004C48

 F8FFFF

 003432

 001E1D

 000002

 000000

 34D0C8

 34D0C8

 1FD0C7

 49D0C9

 0AD0C6

 5ED0CA

 00D0C5

 72D0CB

 87D0CC

 9CD0CD

 B1D0CE

 C6D0CF

 DAD0D1

 EFD0D2

# Harmonies

## Analogous

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



6ECEA1



34D0C8



03CEEC

# Triad

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



34D0C8



D1ADF6



EAB174

# Complementary

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



34D0C8



D0343C

# 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.



FFA48C



34D0C8



F6A1D6

# Square

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



34D0C8



9ABBFF



FF9EB0



C8BE6F

# Rectangle

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



34D0C8



3DC9FD



FF9EB0



F3AC7A

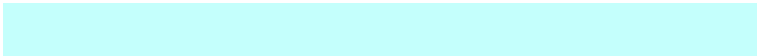


# Sweetspot

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



34D0C8



C4FFFC



3ED034



5C807E



000000



808080



# Same Dimension

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



34D0C8



19FFF3



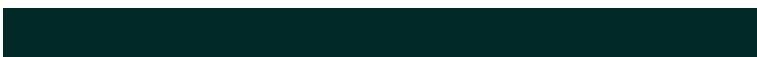
348CD0



5E6968



00A8A0



002927



# Inverse Universe

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



D0343C



FF1925



D07834



695E5F



A80009

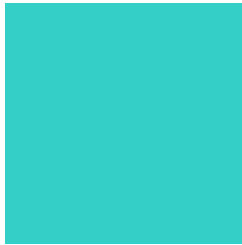


290002



# Previews

## White Background



This preview shows how the Hex color 34D0C8 looks on a white background.

## Color Contrast Check

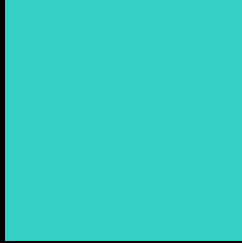
Large Text (above 18pt) WCAG AA × Fail

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 34D0C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

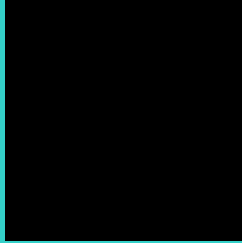
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

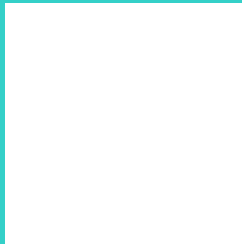
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34D0C8 Background



This preview shows how black text looks on a background with the Hex color 34D0C8.

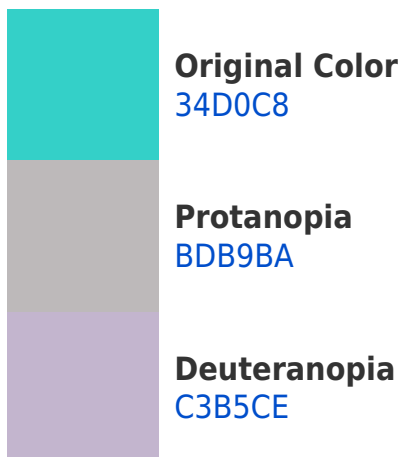


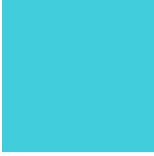
This preview shows how white text looks on a background with the Hex color 34D0C8.

# 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**  
42CDDD

# Trichromacy



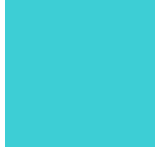
**Original Color**  
34D0C8



**Protanomaly**  
8BC1BF



**Deuteranomaly**  
8FBFCC

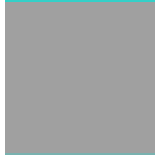


**Tritanomaly**  
3DCED5

# Monochromacy



**Original Color**  
34D0C8



**Achromatopsia**  
A0A0A0



**Achromatomaly**  
79B1AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34D0C8 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 #34D0C8 looks like.

```
.text, #text, p{  
    color:#34D0C8  
}
```

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 #34D0C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34D0C8  
}
```

## Border

The CSS property to change the border of an element to Hex 34D0C8 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  
#34D0C8 }
```

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

```
.border{ border-color:#34D0C8 }
```

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

Here you see how a box with a 4 pixel #34D0C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34D0C8; -webkit-box-shadow:4px 4px  
4px 4px #34D0C8; box-shadow:4px 4px 4px  
4px #34D0C8 }
```

# Background

The CSS property to change the background color of an element to Hex 34D0C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34D0C8 }
```

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

```
.background{ background-color:#34D0C8 }
```

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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