

Converting Colors

Hex(3DD1D0)

Have a look what the booklet for
Hex(3DD1D0) contains.

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Color

Hex(3DD1D0)

Conversions

Conversions Part 1

Format	Color
Hex	3DD1D0
RGB	61, 209, 208
RGB Percent	24%, 82%, 82%
CMY	0.7608, 0.1804, 0.1843
CMYK	0.71, 0.00, 0.00, 0.18
HSL	180°, 62%, 53%
HSV	180°, 71%, 82%
XYZ	36.1101, 51.1471, 67.6437
YIQ	164.6340, -87.8870, -31.6870

Conversions

Conversions Part 2

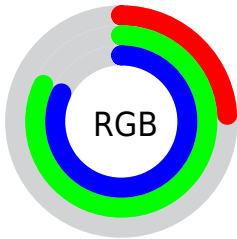
Format	Color
RYB	61, 135, 209
Decimal	4051408
CIELab	76.77, -37.73, -10.71
CIELCh	77, 39.221, 195.847
Yxy	51.1471, 0.2331, 0.3302
Android (android.graphics.Color)	4282241488 (0xFF3DD1D0)
YUV	164.6340, 21.3794, -90.8870
Hunter-Lab	71.5172, -35.0278, -6.0167

Details

The Hex color **3DD1D0** 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 **D13D3E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **82FFFF**, and **009A9A** is the 20% darker color. If you saturate the color by 10%, you get **28D1D0**, and if you desaturate by 10%, it is **52D1D0**.

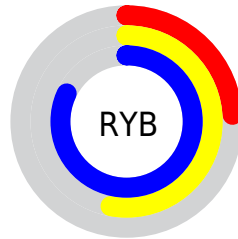
Distribution



Red (24%)

Green (82%)

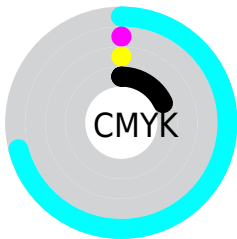
Blue (82%)



Red (24%)

Yellow (53%)

Blue (82%)

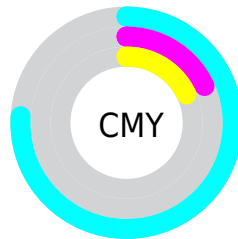


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DD1D0 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 3DD1D0 by changing the saturation by 10% instead.

 3DD1D0

 3DD1D0

FFFFFF

 00B5B4

 82FFFF

 009A9A

 A1FFFF

 007F80

 C0FFFF

 006667

 DEFFFF

 004D4F

 FDFFFF

 003538

 002023

 00000C

 000000

3DD1D0

3DD1D0

28D1D0

52D1D0

13D1D0

67D1D0

00D1D0

7CD1D0

91D1D1

A6D1D1

BAD1D1

CFD1D1

E4D1D1

F9D1D1

Harmonies

Analogous

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



6CD0AB



3DD1D0



36CEFO

Triad

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



3DD1D0



DAADF0



E5B577

Complementary

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



3DD1D0



D13D3E

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.



FDA98B



3DD1D0



FAA3D0

Square

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



3DD1D0



A9BAFF



FFA2AB



C2C177

Rectangle

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



3DD1D0



58C9FF



FFA2AB



EEB17C

Sweetspot

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



3DD1D0



C9FFFF



3FD13D



60807F



000000



808080

Same Dimension

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



3DD1D0



26FFFE



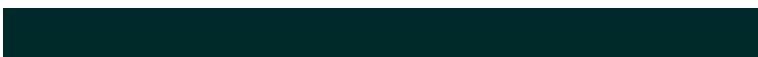
3D89D1



5E6968



00A8A7



002929

Inverse Universe

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



D13D3E



FF2628



D1853D



695E5E



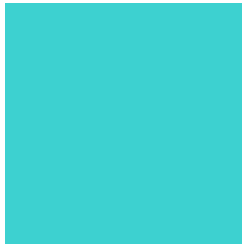
A80001



290000

Previews

White Background



This preview shows how the Hex color 3DD1D0 looks on a white background.

Color Contrast Check

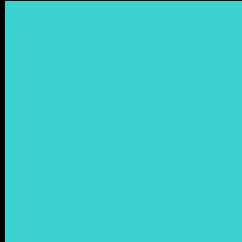
Large Text (above 18pt) WCAG AA × Fail

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 3DD1D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

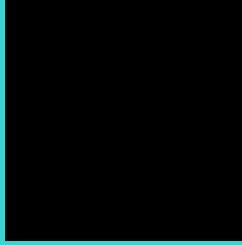
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

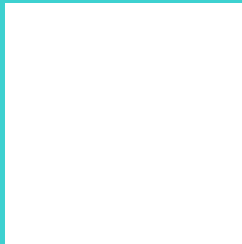
Any Text WCAG AAA ✓ Pass

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

Hex 3DD1D0 Background



This preview shows how black text looks on a background with the Hex color 3DD1D0.

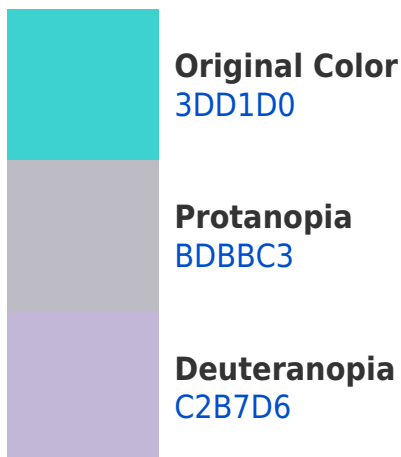


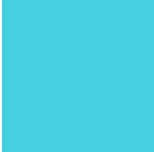
This preview shows how white text looks on a background with the Hex color 3DD1D0.

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
46CFDF

Trichromacy



Original Color
3DD1D0



Protanomaly
8EC3C8



Deuteranomaly
92C0D4

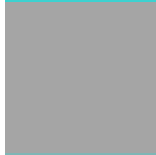


Tritanomaly
43D0DA

Monochromacy



Original Color
3DD1D0



Achromatopsia
A5A5A5



Achromatomaly
7FB5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DD1D0 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 #3DD1D0 looks like.

```
.text, #text, p{  
    color:#3DD1D0  
}
```

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 #3DD1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD1D0  
}
```

Border

The CSS property to change the border of an element to Hex 3DD1D0 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  
#3DD1D0 }
```

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

```
.border{ border-color:#3DD1D0 }
```

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

Here you see how a box with a 4 pixel #3DD1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD1D0; -webkit-box-shadow:4px 4px  
4px 4px #3DD1D0; box-shadow:4px 4px 4px  
4px #3DD1D0 }
```

Background

The CSS property to change the background color of an element to Hex 3DD1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD1D0 }
```

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

```
.background{ background-color:#3DD1D0 }
```

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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