

Converting Colors

Hex(30D8D1)

Have a look what the booklet for
Hex(30D8D1) contains.

Hex(30D8D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(30D8D1)

Conversions

Conversions Part 1

Format	Color
Hex	30D8D1
RGB	48, 216, 209
RGB Percent	19%, 85%, 82%
CMY	0.8118, 0.1529, 0.1804
CMYK	0.78, 0.00, 0.03, 0.15
HSL	177°, 68%, 52%
HSV	177°, 78%, 85%
XYZ	37.2834, 54.3436, 68.8459
YIQ	164.9700, -97.8810, -37.7930

Conversions

Conversions Part 2

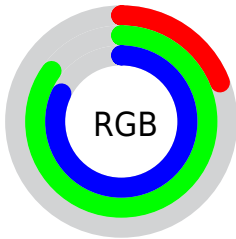
Format	Color
RYB	48, 134, 216
Decimal	3201233
CIELab	78.66, -42.01, -8.45
CIELCh	79, 42.853, 191.373
Yxy	54.3436, 0.2323, 0.3386
Android (android.graphics.Color)	4281391313 (0xFF30D8D1)
YUV	164.9700, 21.7068, -102.5827
Hunter-Lab	73.7181, -38.7291, -3.7688

Details

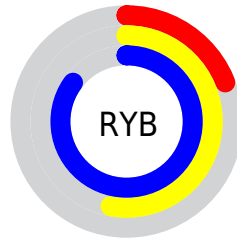
The Hex color **30D8D1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **D83037**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7BFFFF**, and **00A09B** is the 20% darker color. If you saturate the color by 10%, you get **1AD8D0**, and if you desaturate by 10%, it is **46D8D2**.

Distribution



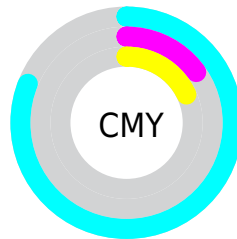
- Red (19%)
- Green (85%)
- Blue (82%)



- Red (19%)
- Yellow (53%)
- Blue (85%)



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (81%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30D8D1 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 30D8D1 by changing the saturation by 10% instead.

 30D8D1

 30D8D1

FFFFFF

 00BCB5

 7BFFFF

 00A09B

 9CFFFF

 008681

 BBFFFF

 006C68

 DAFFFF

 005350

 F9FFFF

 003A39

 002523

 00010E

 000000

 30D8D1

 30D8D1

 1AD8D0

 46D8D2

 05D8CF

 5BD8D3

 00D8CF

 71D8D4

 86D8D5

 9CD8D5

 B2D8D6

 C7D8D7

 DDD8D8

 F2D8D9

Harmonies

Analogous

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



6FD6A8



30D8D1



00D5F6

Triad

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



30D8D1



DBB3FF



F2B877

Complementary

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



30D8D1



D83037

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.



FFAB90



30D8D1



FFA7DD

Square

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



30D8D1



A1C1FF



FFA4B5



CEC573

Rectangle

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



30D8D1



3ED1FF



FFA4B5



FCB37E

Sweetspot

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



30D8D1



C4FFFD



38D830



5C807E



000000



808080

Same Dimension

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



30D8D1



12FFF5



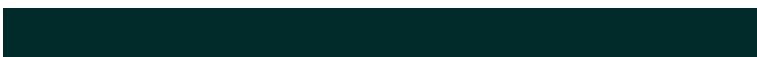
308CD8



606B6B



00ABA4



002B2A

Inverse Universe

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



D83037



FF121C



D87C30



6B6061



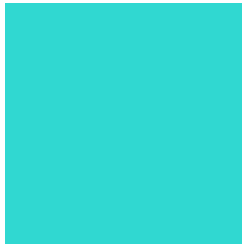
AB0007



2B0002

Previews

White Background



This preview shows how the Hex color 30D8D1 looks on a white background.

Color Contrast Check

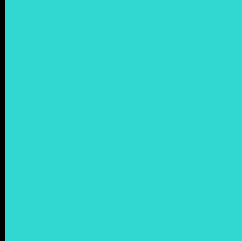
Large Text (above 18pt) WCAG AA × Fail

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 30D8D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

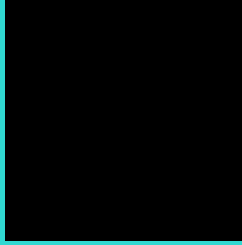
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

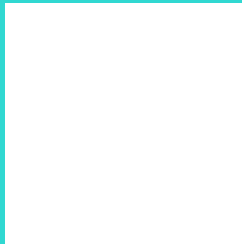
Any Text WCAG AAA ✓ Pass

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

Hex 30D8D1 Background



This preview shows how black text looks on a background with the Hex color 30D8D1.

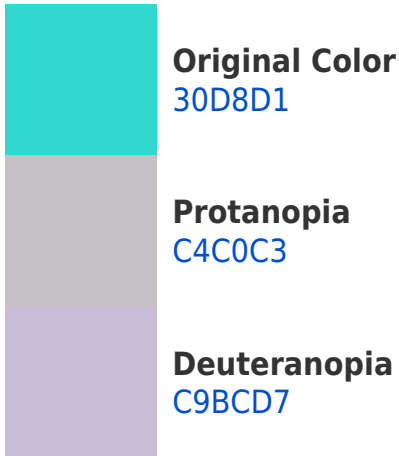


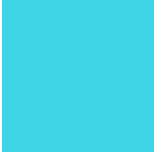
This preview shows how white text looks on a background with the Hex color 30D8D1.

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



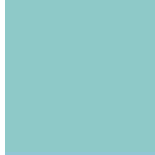


Tritanopia
40D5E6

Trichromacy



Original Color
30D8D1



Protanomaly
8EC9C8



Deuteranomaly
91C6D5

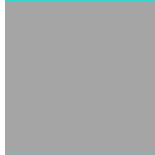


Tritanomaly
3AD6DE

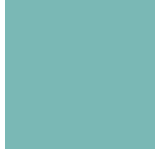
Monochromacy



Original Color
30D8D1



Achromatopsia
A5A5A5



Achromatomaly
7AB8B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 30D8D1 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 #30D8D1 looks like.

```
.text, #text, p{  
    color:#30D8D1  
}
```

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 #30D8D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D8D1
}
```

Border

The CSS property to change the border of an element to Hex 30D8D1 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
#30D8D1 }
```

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

```
.border{ border-color:#30D8D1 }
```

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

Here you see how a box with a 4 pixel #30D8D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D8D1; -webkit-box-shadow:4px 4px  
4px 4px #30D8D1; box-shadow:4px 4px 4px  
4px #30D8D1 }
```

Background

The CSS property to change the background color of an element to Hex 30D8D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D8D1 }
```

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

```
.background{ background-color:#30D8D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor