

# Converting Colors

Hex(30D7DB)

Have a look what the booklet for  
Hex(30D7DB) contains.

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**Color**

**Hex(30D7DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30D7DB
RGB	48, 215, 219
RGB Percent	19%, 84%, 86%
CMY	0.8118, 0.1569, 0.1412
CMYK	0.78, 0.02, 0.00, 0.14
HSL	181°, 70%, 52%
HSV	181°, 78%, 86%
XYZ	38.3055, 54.3437, 75.4883
YIQ	165.5230, -100.8160, -34.1600

# Conversions

## Conversions Part 2

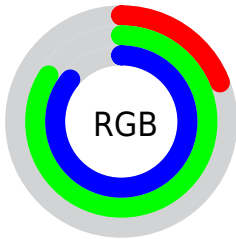
Format	Color
<a href="#">RYB</a>	<a href="#">48, 132, 219</a>
Decimal	<a href="#">3200987</a>
CIELab	<a href="#">78.66, -38.70, -13.80</a>
CIElCh	<a href="#">79, 41.085, 199.630</a>
Yxy	<a href="#">54.3437, 0.2278, 0.3232</a>
Android (android.graphics.Color)	<a href="#">4281391067</a> ( <a href="#">0xFF30D7DB</a> )
YUV	<a href="#">165.5230, 26.3642, -103.0677</a>
Hunter-Lab	<a href="#">73.7182, -36.2544, -9.1109</a>

# Details

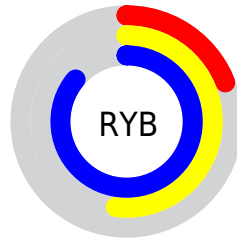
The Hex color **30D7DB** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DB3430**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7CFFFF**, and **00A0A4** is the 20% darker color. If you saturate the color by 10%, you get **1AD6DB**, and if you desaturate by 10%, it is **46D8DB**.

# Distribution



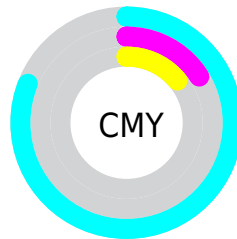
- Red (19%)
- Green (84%)
- Blue (86%)



- Red (19%)
- Yellow (52%)
- Blue (86%)



- Cyan (78%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (81%)
- Magenta (16%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30D7DB 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 30D7DB by changing the saturation by 10% instead.



 30D7DB

 30D7DB

FFFFFF

 00BBBF

 7CFFFF

 00A0A4

 9DFFFF

 00858A

 BCFFFF

 006B70

 DBFFFF

 005258

 FBFFFF

 003A41

 00262B

 000117

 000000

■ 30D7DB

■ 30D7DB

■ 1AD6DB

■ 46D8DB

■ 04D6DB

■ 5CD8DB

■ 00D6DB

■ 72D9DB

■ 88D9DB

■ 9DDADB

■ B3DADB

■ C9DBDB

■ DFDBDB

■ F5DCDB

# Harmonies

## Analogous

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



66D6B4



30D7DB



32D3FC

# Triad

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



30D7DB



E6B0F5



E8BC77

# Complementary

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



30D7DB



DB3430

# 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.



FFAF8A



30D7DB



FFA6D2

# Square

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



30D7DB



B4BEFF



FFA6AB



C3C879

# Rectangle

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



30D7DB



5ECEFF



FFA6AB



F2B77C

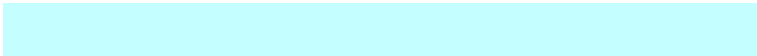


# Sweetspot

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



30D7DB



C4FEFF



30DB33



5C7F80



000000



808080



# Same Dimension

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



30D7DB



0FF9FF



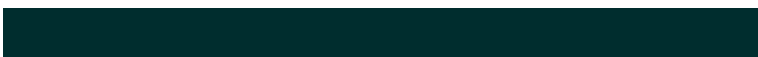
3083DB



636D6E



00A9AD



002D2E



# Inverse Universe

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



DB30D7



FF0FF9



DB8830



6E636D



AD00A9

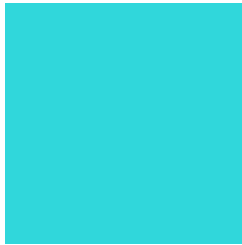


2E002D



# Previews

## White Background



This preview shows how the Hex color 30D7DB looks on a white background.

## Color Contrast Check

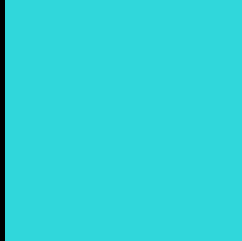
Large Text (above 18pt) WCAG AA × Fail

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 30D7DB 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

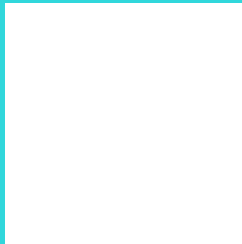
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30D7DB Background



This preview shows how black text looks on a background with the Hex color 30D7DB.

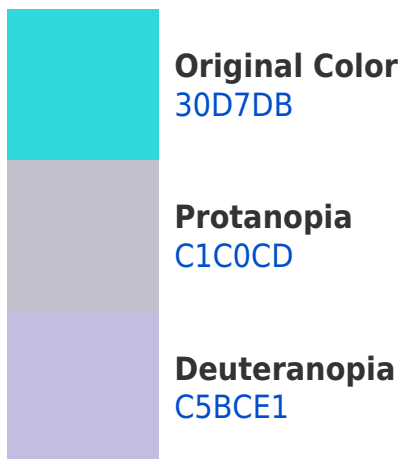


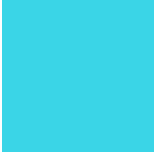
This preview shows how white text looks on a background with the Hex color 30D7DB.

# 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



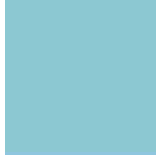


**Tritanopia**  
3AD5E7

# Trichromacy



**Original Color**  
30D7DB



**Protanomaly**  
8CC8D2



**Deuteranomaly**  
8FC6DF

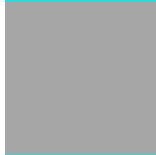


**Tritanomaly**  
36D6E3

# Monochromacy



**Original Color**  
30D7DB



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
7BB8B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30D7DB 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 #30D7DB looks like.

```
.text, #text, p{  
    color:#30D7DB  
}
```

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 #30D7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30D7DB  
}
```

## Border

The CSS property to change the border of an element to Hex 30D7DB 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  
#30D7DB }
```

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

```
.border{ border-color:#30D7DB }
```

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

Here you see how a box with a 4 pixel #30D7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30D7DB; -webkit-box-shadow:4px 4px  
4px 4px #30D7DB; box-shadow:4px 4px 4px  
4px #30D7DB }
```

# Background

The CSS property to change the background color of an element to Hex 30D7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30D7DB }
```

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

```
.background{ background-color:#30D7DB }
```

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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