

# Converting Colors

Hex(30DDD1)

Have a look what the booklet for  
Hex(30DDD1) contains.

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**Color**

**Hex(30DDD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30DDD1
RGB	48, 221, 209
RGB Percent	19%, 87%, 82%
CMY	0.8118, 0.1333, 0.1804
CMYK	0.78, 0.00, 0.05, 0.13
HSL	176°, 72%, 53%
HSV	176°, 78%, 87%
XYZ	38.5840, 56.9447, 69.2794
YIQ	167.9050, -99.2560, -40.4080

# Conversions

## Conversions Part 2

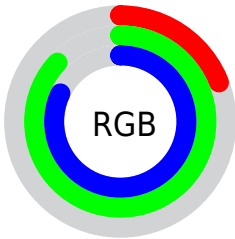
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 138, 221
Decimal	3202513
CIE <sub>Lab</sub>	80.15, -44.21, -6.25
CIE <sub>LCh</sub>	80, 44.652, 188.041
Yxy	56.9447, 0.2341, 0.3455
Android (android.graphics.Color)	4281392593 (0xFF30DDD1)
YUV	167.9050, 20.2598, -105.1567
Hunter-Lab	75.4617, -40.7900, -1.6094

# Details

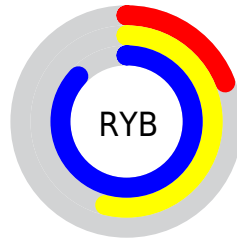
The Hex color **30DDD1** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD303C**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7CFFFF**, and **00A59B** is the 20% darker color. If you saturate the color by 10%, you get **1ADDCE**, and if you desaturate by 10%, it is **46DDD3**.

# Distribution



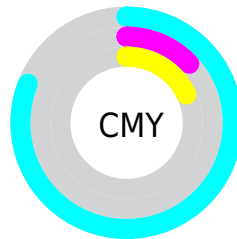
- Red (19%)
- Green (87%)
- Blue (82%)



- Red (19%)
- Yellow (54%)
- Blue (87%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (81%)
- Magenta (13%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30DDD1 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 30DDD1 by changing the saturation by 10% instead.



 30DDD1

 30DDD1

FFFFFF

 00C1B5

 7CFFFF

 00A59B

 9CFFFF

 008A81

 BCFFFF

 007068

 DBFFFF

 005750

 FAFFFF

 003E39

 002923

 00020F

 000000

 30DDD1

 30DDD1

 1ADDCF

 46DDD3

 04DDCE

 5CDDD4

 00DDCE

 72DDD6

 88DDD7

 9EDDD9

 B5DDDA

 CBDDDC

 E1DDDD

 F7DDDF

# Harmonies

## Analogous

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



75DAA6



30DDD1



00DBF9

# Triad

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



30DDD1



DAB8FF



FBBA7A

# Complementary

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



30DDD1



DD303C

# 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.



FFAC95



30DDD1



FFABE7

# Square

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



30DDD1



9CC7FF



FFA6BD



D7C873

# Rectangle

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



30DDD1



29D7FF



FFA6BD



FFB581

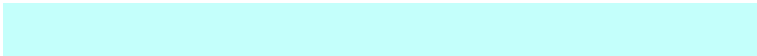


# Sweetspot

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



30DDD1



C4FFFB



3EDD30



5C807D



000000



808080



# Same Dimension

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



30DDD1



0FFFE0



3095DD



636E6D



00ADA1



002E2B



# Inverse Universe

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



DD303C



FF0F20



DD7830



6E6363



AD000C

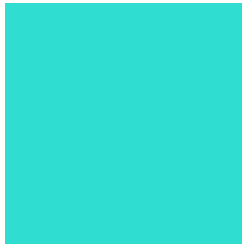


2E0003



# Previews

## White Background



This preview shows how the Hex color 30DDD1 looks on a white background.

## Color Contrast Check

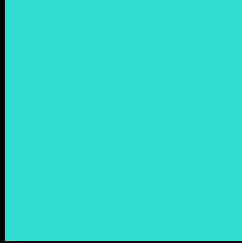
Large Text (above 18pt) WCAG AA × Fail

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 30DDD1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

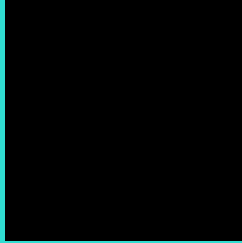
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

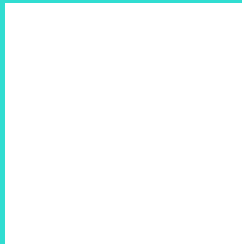
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30DDD1 Background



This preview shows how black text looks on a background with the Hex color 30DDD1.

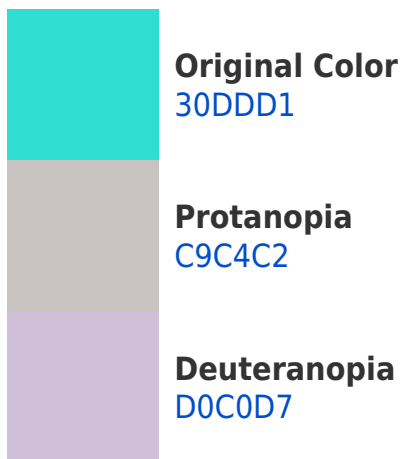


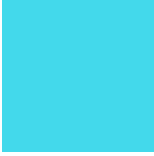
This preview shows how white text looks on a background with the Hex color 30DDD1.

# 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**  
43D9EB

# Trichromacy



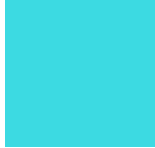
**Original Color**  
30DDD1



**Protanomaly**  
91CDC7



**Deuteranomaly**  
96CBD5

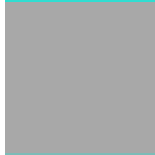


**Tritanomaly**  
3CDAE2

# Monochromacy



**Original Color**  
30DDD1



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
7CBBB7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30DDD1 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 #30DDD1 looks like.

```
.text, #text, p{  
    color:#30DDD1  
}
```

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 #30DDD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30DDD1
}
```

## Border

The CSS property to change the border of an element to Hex 30DDD1 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
#30DDD1 }
```

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

```
.border{ border-color:#30DDD1 }
```

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

Here you see how a box with a 4 pixel #30DDD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30DDD1; -webkit-box-shadow:4px 4px  
4px 4px #30DDD1; box-shadow:4px 4px 4px  
4px #30DDD1 }
```

# Background

The CSS property to change the background color of an element to Hex 30DDD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30DDD1 }
```

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

```
.background{ background-color:#30DDD1 }
```

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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