

Converting Colors

Hex(0BD1D1)

Have a look what the booklet for
Hex(0BD1D1) contains.

Hex(0BD1D1)	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(0BD1D1)

Conversions

Conversions Part 1

Format	Color
Hex	0BD1D1
RGB	11, 209, 209
RGB Percent	4%, 82%, 82%
CMY	0.9569, 0.1804, 0.1804
CMYK	0.95, 0.00, 0.00, 0.18
HSL	180°, 90%, 43%
HSV	180°, 95%, 82%
XYZ	34.4471, 50.2755, 68.2102
YIQ	149.7980, -118.0080, -41.9760

Conversions

Conversions Part 2

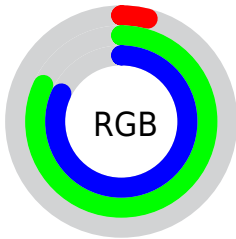
Format	Color
R _{YB}	11, 110, 209
Decimal	774609
CIE Lab	76.24, -41.09, -12.10
CIE LCh	76, 42.837, 196.406
Yxy	50.2755, 0.2252, 0.3287
Android (android.graphics.Color)	4278964689 (0xFF0BD1D1)
YUV	149.7980, 29.1866, -121.7258
Hunter-Lab	70.9052, -37.3655, -7.4028

Details

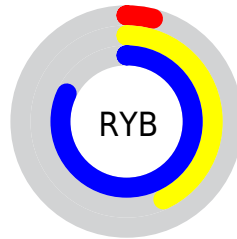
The Hex color **0BD1D1** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D10B0B**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **6EFFFF**, and **009A9B** is the 20% darker color. If you saturate the color by 10%, you get **00D1D1**, and if you desaturate by 10%, it is **20D1D1**.

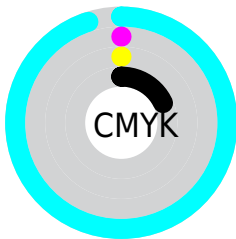
Distribution



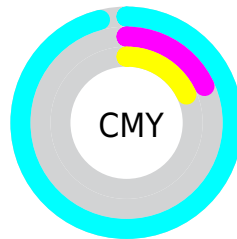
- Red (4%)
- Green (82%)
- Blue (82%)



- Red (4%)
- Yellow (43%)
- Blue (82%)



- Cyan (95%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (96%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BD1D1 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 0BD1D1 by changing the saturation by 10% instead.

 0BD1D1

 0BD1D1

FFFFFF

 00B5B5

 6EFFFF

 009A9B

 8FFFFFF

 007F81

 AFFFFFF

 006568

 CFFFFFF

 004D50

 EFFFFFF

 003539

 001F23

 00010D

 000000

■ 0BD1D1

■ 0BD1D1

■ 00D1D1

■ 20D1D1

■ 35D1D1

■ 4AD1D1

■ 5FD1D1

■ 73D1D1

■ 88D1D1

■ 9DD1D1

■ B2D1D1

■ C7D1D1

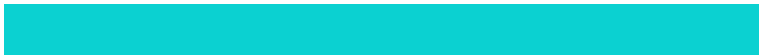
Harmonies

Analogous

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



5FD0A8



0BD1D1



00CEF4

Triad

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



0BD1D1



DCAAF3



E5B36F

Complementary

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



0BD1D1



D10B0B

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.



FFA684



0BD1D1



FE9FD0

Square

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



0BD1D1



A5B8FF



FF9DA8



C0C16F

Rectangle

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



0BD1D1



42C9FF



FF9DA8



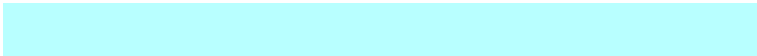
F0AF74

Sweetspot

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



0BD1D1



B8FFFF



0BD10B



548080



000000



808080

Same Dimension

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



0BD1D1



00FFFF



0B6ED1



5E6969



00A8A8



002929

Inverse Universe

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



D10BD1



FF00FF



D16E0B



695E69



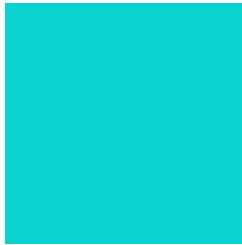
A800A8



290029

Previews

White Background



This preview shows how the Hex color 0BD1D1 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 0BD1D1 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 0BD1D1 Background



This preview shows how black text looks on a background with the Hex color 0BD1D1.

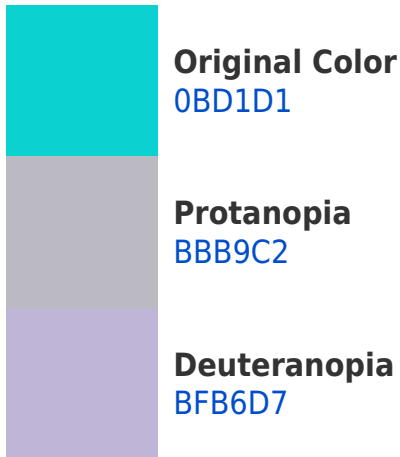


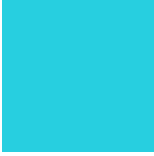
This preview shows how white text looks on a background with the Hex color 0BD1D1.

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](#).

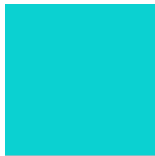
Dichromacy





Tritanopia
27CFE0

Trichromacy



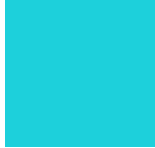
Original Color
0BD1D1



Protanomaly
7BC2C7



Deuteranomaly
7EC0D5



Tritanomaly
1DD0DB

Monochromacy



Original Color
0BD1D1



Achromatopsia
969696



Achromatomaly
63ABAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BD1D1 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 #0BD1D1 looks like.

```
.text, #text, p{  
  color:#0BD1D1  
}
```

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 #0BD1D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BD1D1
}
```

Border

The CSS property to change the border of an element to Hex 0BD1D1 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
#0BD1D1 }
```

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

```
.border{ border-color:#0BD1D1 }
```

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

Here you see how a box with a 4 pixel #0BD1D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BD1D1; -webkit-box-shadow:4px 4px  
4px 4px #0BD1D1; box-shadow:4px 4px 4px  
4px #0BD1D1 }
```

Background

The CSS property to change the background color of an element to Hex 0BD1D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BD1D1 }
```

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

```
.background{ background-color:#0BD1D1 }
```

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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