

Converting Colors

Hex(3BD4D4)

Have a look what the booklet for
Hex(3BD4D4) contains.

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Color

Hex(3BD4D4)

Conversions

Conversions Part 1

Format	Color
Hex	3BD4D4
RGB	59, 212, 212
RGB Percent	23%, 83%, 83%
CMY	0.7686, 0.1686, 0.1686
CMYK	0.72, 0.00, 0.00, 0.17
HSL	180°, 64%, 53%
HSV	180°, 72%, 83%
XYZ	37.2308, 52.7702, 70.5108
YIQ	166.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

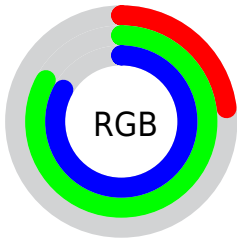
Format	Color
RYB	59, 136, 212
Decimal	3921108
CIELab	77.74, -38.21, -11.41
CIELCh	78, 39.876, 196.632
Yxy	52.7702, 0.2320, 0.3288
Android (android.graphics.Color)	4282111188 (0xFF3BD4D4)
YUV	166.2530, 22.5533, -94.0609
Hunter-Lab	72.6431, -35.6413, -6.6994

Details

The Hex color **3BD4D4** 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 **D43B3B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **81FFFF**, and **009D9D** is the 20% darker color. If you saturate the color by 10%, you get **26D4D4**, and if you desaturate by 10%, it is **50D4D4**.

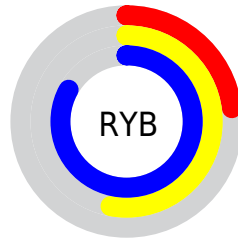
Distribution



Red (23%)

Green (83%)

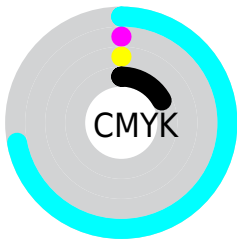
Blue (83%)



Red (23%)

Yellow (53%)

Blue (83%)

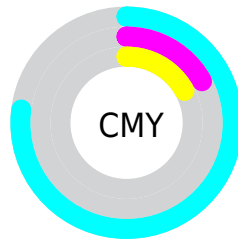


Cyan (72%)

Magenta (0%)

Yellow (0%)

Black (17%)



Cyan (77%)

Magenta (17%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BD4D4 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 3BD4D4 by changing the saturation by 10% instead.

 3BD4D4

 3BD4D4

FFFFFF

 00B8B8

 81FFFF

 009D9D

 A1FFFF

 008283

 C0FFFF

 00686A

 DFFFFF

 005052

FEFFFF

 00383B

 002325

 000111

 000000

 3BD4D4

 3BD4D4

 26D4D4

 50D4D4

 11D4D4

 65D4D4

 00D4D4

 7BD4D4

 90D4D4

 A5D4D4

 BAD4D4

 CFD4D4

 E5D4D4

 FAD4D4

Harmonies

Analogous

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



6CD3AE



3BD4D4



35D1F5

Triad

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



3BD4D4



DEAFF3



E7B878

Complementary

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



3BD4D4



D43B3B

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.



FFAC8C



3BD4D4



FEA5D2

Square

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



3BD4D4



ACBDFE



FFA4AD



C4C478

Rectangle

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



3BD4D4



5ACCFE



FFA4AD



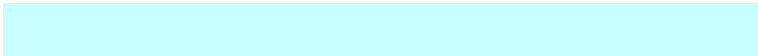
F1B47D

Sweetspot

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



3BD4D4



C7FFFF



3BD43B



5E8080



000000



808080

Same Dimension

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



3BD4D4



21FFFF



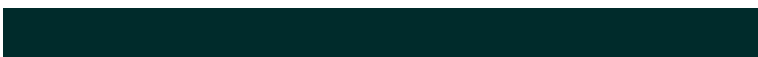
3B88D4



606B6B



00ABAB



002B2B

Inverse Universe

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



D43BD4



FF21FF



D4883B



6B606B



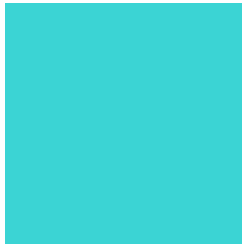
AB00AB



2B002B

Previews

White Background



This preview shows how the Hex color 3BD4D4 looks on a white background.

Color Contrast Check

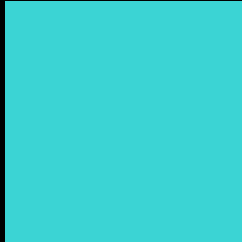
Large Text (above 18pt) WCAG AA × Fail

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 3BD4D4 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 3BD4D4 Background



This preview shows how black text looks on a background with the Hex color 3BD4D4.

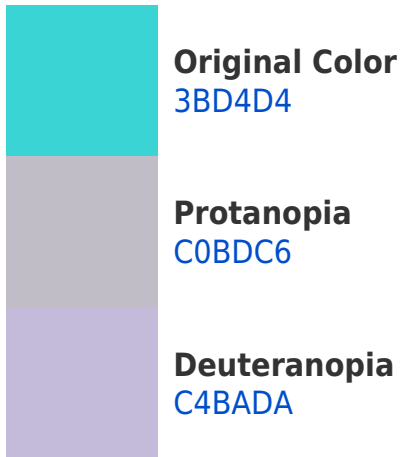


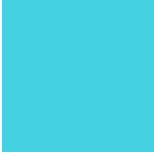
This preview shows how white text looks on a background with the Hex color 3BD4D4.

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
44D2E3

Trichromacy



Original Color
3BD4D4



Protanomaly
90C5CB



Deuteranomaly
92C3D8

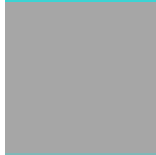


Tritanomaly
41D3DE

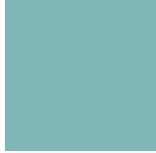
Monochromacy



Original Color
3BD4D4



Achromatopsia
A6A6A6



Achromatomaly
7FB7B7

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BD4D4 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 #3BD4D4 looks like.

```
.text, #text, p{  
  color:#3BD4D4  
}
```

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 #3BD4D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD4D4
}
```

Border

The CSS property to change the border of an element to Hex 3BD4D4 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
#3BD4D4 }
```

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

```
.border{ border-color:#3BD4D4 }
```

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

Here you see how a box with a 4 pixel #3BD4D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD4D4; -webkit-box-shadow:4px 4px  
4px 4px #3BD4D4; box-shadow:4px 4px 4px  
4px #3BD4D4 }
```

Background

The CSS property to change the background color of an element to Hex 3BD4D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD4D4 }
```

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

```
.background{ background-color:#3BD4D4 }
```

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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