

Converting Colors

Hex(3BCDCD)

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

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Color

Hex(3BCDCD)

Conversions

Conversions Part 1

Format	Color
Hex	3BCDCD
RGB	59, 205, 205
RGB Percent	23%, 80%, 80%
CMY	0.7686, 0.1961, 0.1961
CMYK	0.71, 0.00, 0.00, 0.20
HSL	180°, 59%, 52%
HSV	180°, 71%, 80%
XYZ	34.6544, 49.0002, 65.3891
YIQ	161.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

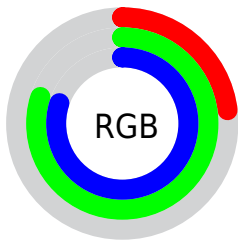
Format	Color
RYB	59, 132, 205
Decimal	3919309
CIELab	75.45, -36.99, -11.06
CIELCh	75, 38.607, 196.651
Yxy	49.0002, 0.2325, 0.3288
Android (android.graphics.Color)	4282109389 (0xFF3BCDCD)
YUV	161.3460, 21.5214, -89.7574
Hunter-Lab	70.0002, -34.1318, -6.3843

Details

The Hex color **3BCDCD** 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 **CD3B3B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **80FFFF**, and **009697** is the 20% darker color. If you saturate the color by 10%, you get **27CDCD**, and if you desaturate by 10%, it is **50CDCD**.

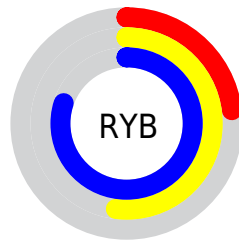
Distribution



Red (23%)

Green (80%)

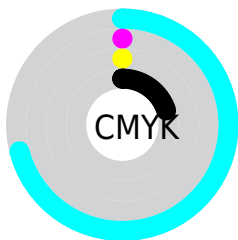
Blue (80%)



Red (23%)

Yellow (52%)

Blue (80%)

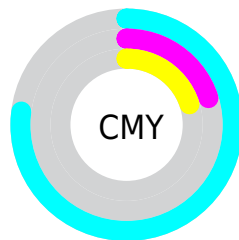


Cyan (71%)

Magenta (0%)

Yellow (0%)

Black (20%)



Cyan (77%)

Magenta (20%)

Yellow (20%)

Brightness & Saturation Gradients

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

 3BCDCD

 3BCDCD

FFFFFF

 00B1B2

 80FFFF

 009697

 9FFFFFFF

 007C7D

 BEFFFF

 006264

 DCFFFF

 004A4C

 FBFFFF

 003236

 001D20

 000008

 000000

■ 3BCDCD

■ 3BCDCD

■ 27CDCD

■ 50CDCD

■ 12CDCD

■ 64CDCD

■ 00CDCD

■ 79CDCD

■ 8DCDCD

■ A2CDCD

■ B6CDCD

■ CBCDCD

■ DFCDCD

■ F3CDCD

Harmonies

Analogous

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



69CCA8



3BCDCD



36CAED

Triad

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



3BCDCD



D7AAEB



E0B275

Complementary

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



3BCDCD



CD3B3B

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.



F7A688



3BCDCD



F5A0CB

Square

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



3BCDCD



A7B6FE



FF9FA7



BEBE75

Rectangle

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



3BCDCD



58C5FA



FF9FA7



E9AE79

Sweetspot

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



3BCDCD



C9FFFF



3BCD3B



608080



000000



808080

Same Dimension

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



3BCDCD



26FFFF



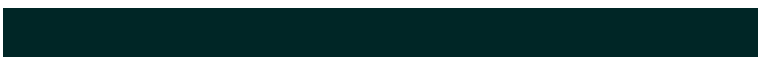
3B84CD



5C6666



00A6A6



002626

Inverse Universe

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



CD3BCD



FF26FF



CD843B



665C66



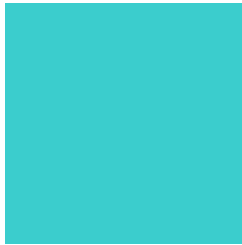
A600A6



260026

Previews

White Background



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

Color Contrast Check

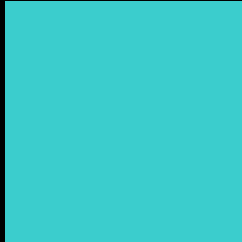
Large Text (above 18pt) WCAG AA × Fail

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 3BCDCD 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

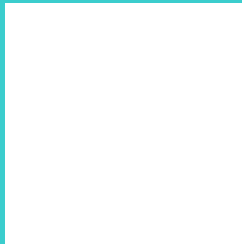
Any Text WCAG AAA ✓ Pass

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

Hex 3BCDCD Background



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



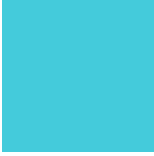
This preview shows how white text looks on a background with the Hex color 3BCDCD.

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
44CBDB

Trichromacy



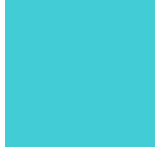
Original Color
3BCDCD



Protanomaly
8BBFC5



Deuteranomaly
8EBDD1



Tritanomaly
41CCD6

Monochromacy



Original Color
3BCDCD



Achromatopsia
A1A1A1



Achromatomaly
7CB1B1

CSS Examples

Text

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

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

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 #3BCDCD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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