

Converting Colors

Hex(2BCECD)

Have a look what the booklet for
Hex(2BCECD) contains.

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Color

Hex(2BCECD)

Conversions

Conversions Part 1

Format	Color
Hex	2BCECD
RGB	43, 206, 205
RGB Percent	17%, 81%, 80%
CMY	0.8314, 0.1922, 0.1961
CMYK	0.79, 0.00, 0.00, 0.19
HSL	180°, 65%, 49%
HSV	180°, 79%, 81%
XYZ	34.0870, 49.0640, 65.4313
YIQ	157.1490, -96.8270, -34.8670

Conversions

Conversions Part 2

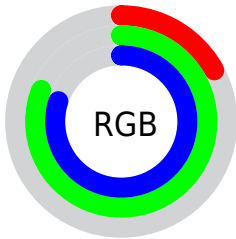
Format	Color
R _Y B	43, 125, 206
Decimal	2870989
CIE Lab	75.49, -39.12, -11.03
CIE LCh	75, 40.645, 195.747
Yxy	49.0640, 0.2294, 0.3302
Android (android.graphics.Color)	4281061069 (0xFF2BCECD)
YUV	157.1490, 23.5905, -100.1087
Hunter-Lab	70.0457, -35.7148, -6.3522

Details

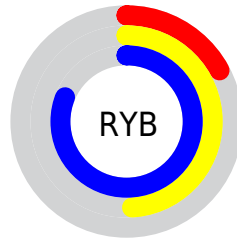
The Hex color **2BCECD** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE2B2C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FFFF**, and **009797** is the 20% darker color. If you saturate the color by 10%, you get **16CECD**, and if you desaturate by 10%, it is **40CECD**.

Distribution



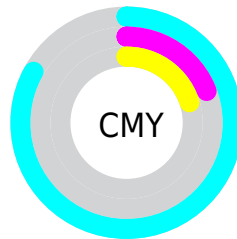
- Red (17%)
- Green (81%)
- Blue (80%)



- Red (17%)
- Yellow (49%)
- Blue (81%)



- Cyan (79%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BCECD 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 2BCECD by changing the saturation by 10% instead.

 2BCECD

 2BCECD

FFFFFF

 00B2B2

 77FFFF

 009797

 97FFFF

 007D7D

 B6FFFF

 006364

 D5FFFF

 004A4C

 F4FFFF

 003336

 001D20

 000008

 000000

 2BCECD

 2BCECD

 16CECD

 40CECD

 02CECD

 54CECD

 00CECD

 69CECD

 7DCECE

 92CECE

 A7CECE

 BBCECE

 D0CECE

 E4CECE

Harmonies

Analogous

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



65CDA6



2BCECD



1BCBEF

Triad

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



2BCECD



D7A9EF



E2B271

Complementary

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



2BCECD



CE2B2C

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.



FBA586



2BCECD



F89FCD

Square

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



2BCECD



A4B7FF



FF9DA7



BFBE71

Rectangle

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



2BCECD



4CC6FD



FF9DA7



ECAD76

Sweetspot

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



2BCECD



C2FFFF



2ECE2B



5B807F



000000



808080

Same Dimension

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



2BCECD



0DFFFE



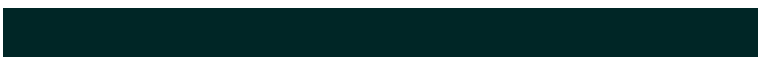
2B7FCE



5C6666



00A6A5



002626

Inverse Universe

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



CE2B2C



FF0D0E



CE7A2B



665C5C



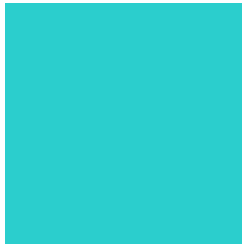
A60001



260000

Previews

White Background



This preview shows how the Hex color 2BCECD looks on a white background.

Color Contrast Check

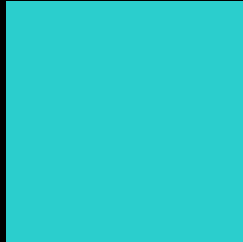
Large Text (above 18pt) WCAG AA × Fail

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 2BCECD 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 2BCECD Background



This preview shows how black text looks on a background with the Hex color 2BCECD.



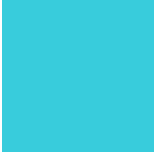
This preview shows how white text looks on a background with the Hex color 2BCECD.

Color Blindness Simulation

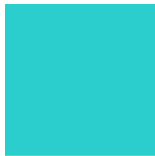
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



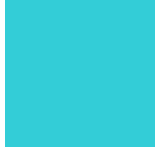
Original Color
2BCECD



Protanomaly
86BFC4



Deuteranomaly
89BDD1



Tritanomaly
33CDD7

Monochromacy



Original Color
2BCECD



Achromatopsia
9D9D9D



Achromatomaly
74AFAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BCECD 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 #2BCECD looks like.

```
.text, #text, p{  
    color:#2BCECD  
}
```

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 #2BCECD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2BCECD 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
#2BCECD }
```

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

```
.border{ border-color:#2BCECD }
```

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

Here you see how a box with a 4 pixel #2BCECD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCECD; -webkit-box-shadow:4px 4px  
4px 4px #2BCECD; box-shadow:4px 4px 4px  
4px #2BCECD }
```

Background

The CSS property to change the background color of an element to Hex 2BCECD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCECD }
```

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

```
.background{ background-color:#2BCECD }
```

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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