

Converting Colors

Hex(2BCFCC)

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

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Color

Hex(2BCFCC)

Conversions

Conversions Part 1

Format	Color
Hex	2BCFCC
RGB	43, 207, 204
RGB Percent	17%, 81%, 80%
CMY	0.8314, 0.1882, 0.2000
CMYK	0.79, 0.00, 0.01, 0.19
HSL	179°, 66%, 49%
HSV	179°, 79%, 81%
XYZ	34.2082, 49.4989, 64.8780
YIQ	157.6220, -96.7810, -35.7010

Conversions

Conversions Part 2

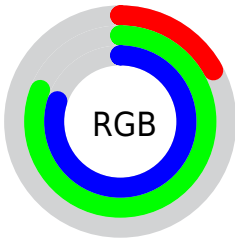
Format	Color
RYB	43, 126, 207
Decimal	2871244
CIELab	75.76, -39.86, -10.09
CIELCh	76, 41.118, 194.203
Yxy	49.4989, 0.2302, 0.3331
Android (android.graphics.Color)	4281061324 (0xFF2BCFCC)
YUV	157.6220, 22.8644, -100.5235
Hunter-Lab	70.3554, -36.3319, -5.4253

Details

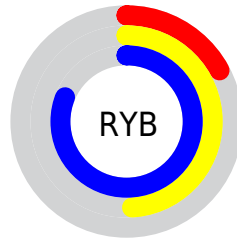
The Hex color **2BCFCC** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CF2B2E**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FFFF**, and **009896** is the 20% darker color. If you saturate the color by 10%, you get **16CFCC**, and if you desaturate by 10%, it is **40CFCC**.

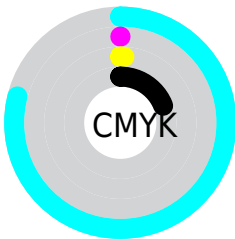
Distribution



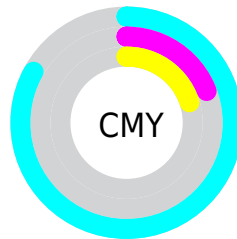
- Red (17%)
- Green (81%)
- Blue (80%)



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



- Cyan (79%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



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

Brightness & Saturation Gradients

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

 2BCFCC

 2BCFCC

FFFFFF

 00B3B1

 77FFFF

 009896

 97FFFF

 007D7C

 B6FFFF

 006463

 D5FFFF

 004B4B

 F4FFFF

 003335

 001D20

 000007

 000000

 2BCFCC

 2BCFCC

 16CFCC

 40CFCC

 02CFCB

 54CFCD

 00CFCB

 69CFCD

 7ECFCE

 93CFCE

 A7CFCE

 BCCFCF

 D1CFCF

 E5CFCF

Harmonies

Analogous

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



67CEA5



2BCFCC



0FCCEE

Triad

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



2BCFCC



D6AAF1



E5B172

Complementary

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



2BCFCC



CF2B2E

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.



FDA588



2BCFCC



F8A0D0

Square

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



2BCFCC



A1B8FF



FF9DAA



C2BE70

Rectangle

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



2BCFCC



46C7FE



FF9DAA



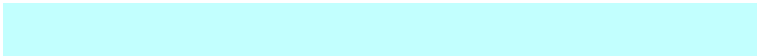
EFAD77

Sweetspot

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



2BCFCC



C2FFFE



30CF2B



5B807F



000000



808080

Same Dimension

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



2BCFCC



0DFFFB



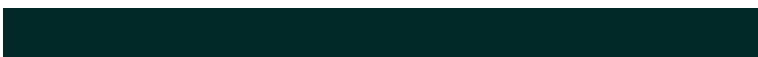
2B82CF



5E6968



00A8A5



002928

Inverse Universe

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



CF2B2E



FF0D11



CF782B



695E5E



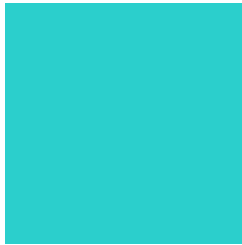
A80003



290001

Previews

White Background



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

Color Contrast Check

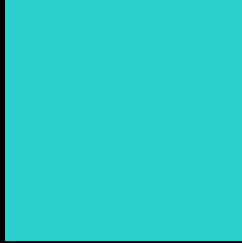
Large Text (above 18pt) WCAG AA × Fail

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 2BCFCC 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

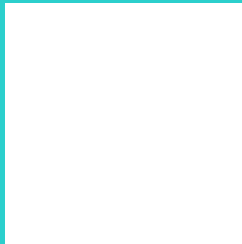
Any Text WCAG AAA ✓ Pass

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

Hex 2BCFCC Background



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



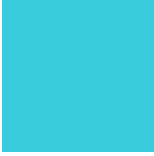
This preview shows how white text looks on a background with the Hex color 2BCFCC.

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
39CCDD

Trichromacy



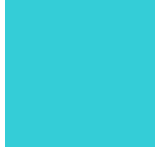
Original Color
2BCFCC



Protanomaly
87C0C3



Deuteranomaly
8ABED0



Tritanomaly
34CDD7

Monochromacy



Original Color
2BCFCC



Achromatopsia
9E9E9E



Achromatomaly
74B0AF

CSS Examples

Text

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

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

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 #2BCFCC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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