

# Converting Colors

Hex(2BCBCE)

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

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# **Color**

**Hex(2BCBCE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BCBCE
RGB	43, 203, 206
RGB Percent	17%, 80%, 81%
CMY	0.8314, 0.2039, 0.1922
CMYK	0.79, 0.01, 0.00, 0.19
HSL	181°, 65%, 49%
HSV	181°, 79%, 81%
XYZ	33.4928, 47.6817, 65.8308
YIQ	155.5020, -96.3230, -32.9870

# Conversions

## Conversions Part 2

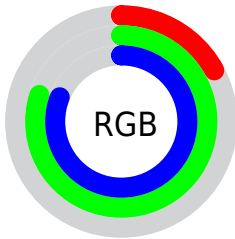
Format	Color
<code>RYB</code>	<code>43, 124, 206</code>
Decimal	<code>2870222</code>
CIELab	<code>74.62, -37.46, -12.87</code>
CIELCh	<code>75, 39.606, 198.961</code>
Yxy	<code>47.6817, 0.2278, 0.3244</code>
Android ( <code>android.graphics.Color</code> )	<code>4281060302</code> ( <code>0xFF2BCBCE</code> )
YUV	<code>155.5020, 24.8955, -98.6643</code>
Hunter-Lab	<code>69.0519, -34.2617, -8.1878</code>




# Details

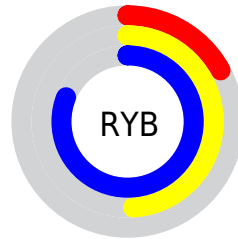
The Hex color **2BCBCE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE2E2B**, and the grayscale version is **9B9B9B**.




A 20% lighter version of the original color is **77FFFF**, and **009498** is the 20% darker color. If you saturate the color by 10%, you get **16CBCE**, and if you desaturate by 10%, it is **40CBCE**.

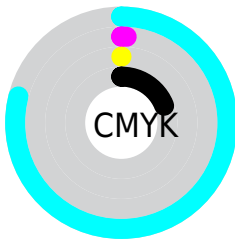
# Distribution







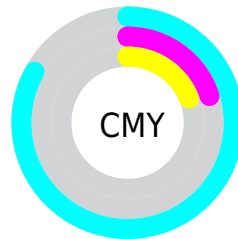
-  Red (17%)
-  Green (80%)
-  Blue (81%)






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



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



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

# Brightness & Saturation Gradients

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



 2BCBCE

 2BCBCE

FFFFFF

 00AFB3

 77FFFF

 009498

 97FFFF

 007A7E

 B6FFFF

 006065

 D5FFFF

 00484D

 F4FFFF

 003036

 001A21

 000009

 000000

■ 2BCBCE

■ 2BCBCE

■ 16CBCE

■ 40CBCE

■ 02CACE

■ 54CCCE

■ 00CACE

■ 69CCCE

■ 7DCDCE

■ 92CDCE

■ A7CDCE

■ BBCECE

■ D0CECE

■ E4CECE

# Harmonies

## Analogous

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



60CAA8



2BCBCE



2BC7ED

# Triad

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



2BCBCE



D8A6E8



DCB170

# Complementary

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



2BCBCE



CE2E2B

# 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.



F5A482



2BCBCE



F69DC7

# Square

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



2BCBCE



A8B3FC



FF9CA2



B8BD72

# Rectangle

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



2BCBCE



55C2FB



FF9CA2



E5AC74

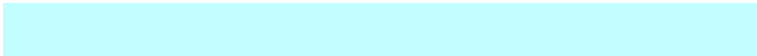


# Sweetspot

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



2BCBCE



C2FEFF



2BCE2E



5B7F80



000000



808080



# Same Dimension

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



2BCBCE



0DFBFF



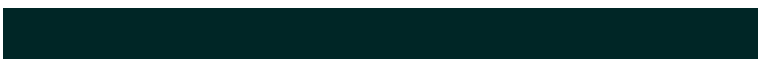
2B7ACE



5C6666



00A3A6



002626



# Inverse Universe

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



CE2BCB



FF0DFB



CE7F2B



665C66



A600A3



260026



# Previews

## White Background



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

## Color Contrast Check

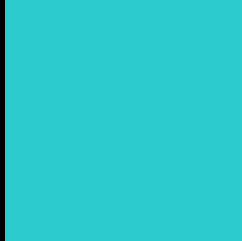
Large Text (above 18pt) WCAG AA × Fail

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 2BCBCE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

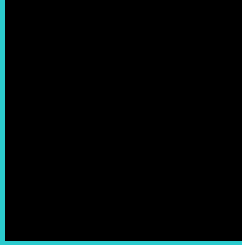
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2BCBCE Background



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



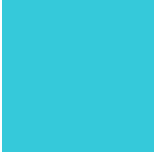
This preview shows how white text looks on a background with the Hex color 2BCBCE.

# 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**  
35C9DA

# Trichromacy



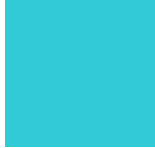
**Original Color**  
2BCBCE



**Protanomaly**  
83BDC5



**Deuteranomaly**  
86BBD2



**Tritanomaly**  
31CAD6

# Monochromacy



**Original Color**  
2BCBCE



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
73ADAE

# CSS Examples

## Text

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

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

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 #2BCBCE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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