

Converting Colors

Hex(2BCBE1)

Have a look what the booklet for
Hex(2BCBE1) contains.

Hex(2BCBE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2BCBE1)

Conversions

Conversions Part 1

Format	Color
Hex	2BCBE1
RGB	43, 203, 225
RGB Percent	17%, 80%, 88%
CMY	0.8314, 0.2039, 0.1176
CMYK	0.81, 0.10, 0.00, 0.12
HSL	187°, 75%, 53%
HSV	187°, 81%, 88%
XYZ	35.9428, 48.6617, 78.7324
YIQ	157.6680, -102.4220, -27.0780

Conversions

Conversions Part 2

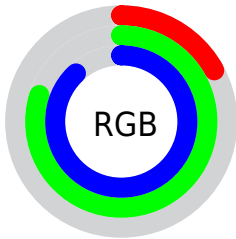
Format	Color
RYB	43, 128, 225
Decimal	2870241
CIELab	75.24, -31.71, -22.20
CIElCh	75, 38.706, 215.001
Yxy	48.6617, 0.2201, 0.2979
Android (android.graphics.Color)	4281060321 (0xFF2BCBE1)
YUV	157.6680, 33.1947, -100.5638
Hunter-Lab	69.7579, -30.1042, -18.0872

Details

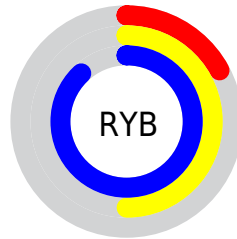
The Hex color **2BCBE1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E1412B**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **79FFFF**, and **0094AA** is the 20% darker color. If you saturate the color by 10%, you get **15C8E1**, and if you desaturate by 10%, it is **42CEE1**.

Distribution



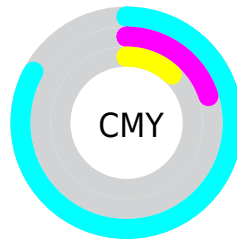
- Red (17%)
- Green (80%)
- Blue (88%)



- Red (17%)
- Yellow (50%)
- Blue (88%)



- Cyan (81%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (83%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BCBE1 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 2BCBE1 by changing the saturation by 10% instead.

 2BCBE1

 2BCBE1

FFFFFF

 00AFC5

 79FFFF

 0094AA

 99FFFF

 007A8F

 B9FFFF

 006176

 D8FFFF

 00495D

 F7FFFF

 003145

 001D2F

 00011A

 000000

■ 2BCBE1

■ 2BCBE1

■ 15C8E1

■ 42CEE1

■ 00C6E1

■ 58D0E1

■ 6FD3E1

■ 85D6E1

■ 9CD9E1

■ B2DBE1

■ C9DEE1

■ DFE1E1

■ F6E3E1

Harmonies

Analogous

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



4BCDBE



2BCBE1



54C5F9

Triad

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



2BCBE1



EBA2D8



CBB972

Complementary

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



2BCBE1



E1412B

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.



EAAD79



2BCBE1



FE9EB5

Square

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



2BCBE1



C5AEF4



FCA292



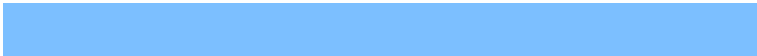
A5C37E

Rectangle

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



2BCBE1



7CBFFF



FCA292



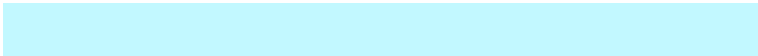
D7B572

Sweetspot

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



2BCBE1



C2F8FF



2BE140



5B7B80



000000



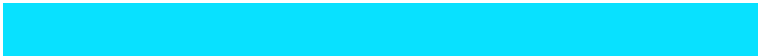
808080

Same Dimension

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



2BCBE1



08E1FF



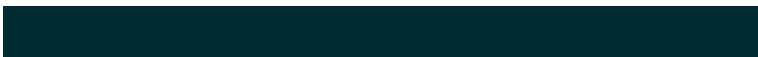
2B71E1



656F70



009BB0



002B30

Inverse Universe

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



E12BCB



FF08E1



E19B2B



70656F



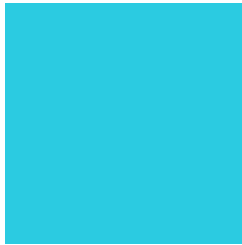
B0009B



30002B

Previews

White Background



This preview shows how the Hex color 2BCBE1 looks on a white background.

Color Contrast Check

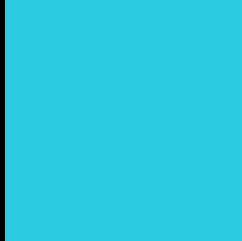
Large Text (above 18pt) WCAG AA × Fail

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 2BCBE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

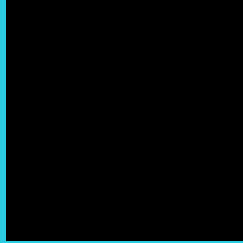
Any Text WCAG AA ✓ Pass

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 2BCBE1 Background



This preview shows how black text looks on a background with the Hex color 2BCBE1.

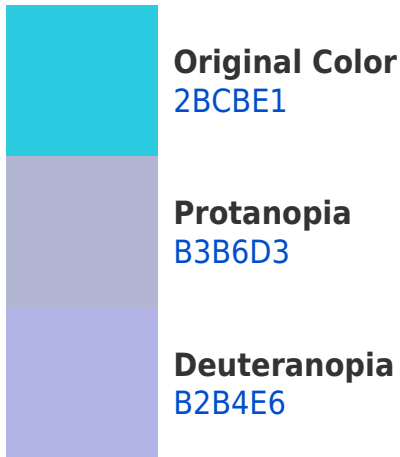


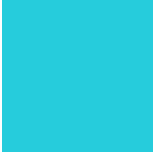
This preview shows how white text looks on a background with the Hex color 2BCBE1.

Color Blindness Simulation

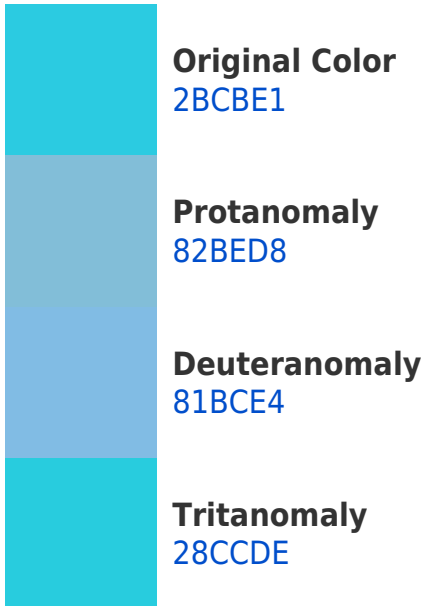
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BCBE1 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 #2BCBE1 looks like.

```
.text, #text, p{  
    color:#2BCBE1  
}
```

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 #2BCBE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BCBE1
}
```

Border

The CSS property to change the border of an element to Hex 2BCBE1 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
#2BCBE1 }
```

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

```
.border{ border-color:#2BCBE1 }
```

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

Here you see how a box with a 4 pixel #2BCBE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCBE1; -webkit-box-shadow:4px 4px  
4px 4px #2BCBE1; box-shadow:4px 4px 4px  
4px #2BCBE1 }
```

Background

The CSS property to change the background color of an element to Hex 2BCBE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCBE1 }
```

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

```
.background{ background-color:#2BCBE1 }
```

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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