

Converting Colors

Hex(2BCAD1)

Have a look what the booklet for
Hex(2BCAD1) contains.

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Color

Hex(2BCAD1)

Conversions

Conversions Part 1

Format	Color
Hex	2BCAD1
RGB	43, 202, 209
RGB Percent	17%, 79%, 82%
CMY	0.8314, 0.2078, 0.1804
CMYK	0.79, 0.03, 0.00, 0.18
HSL	183°, 66%, 49%
HSV	183°, 79%, 82%
XYZ	33.6254, 47.3581, 67.6904
YIQ	155.2570, -97.0110, -31.5310

Conversions

Conversions Part 2

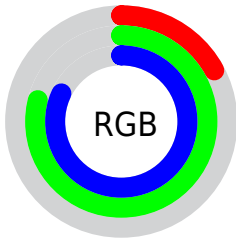
Format	Color
<code>RYB</code>	<code>43, 124, 209</code>
Decimal	<code>2869969</code>
CIELab	<code>74.42, -36.11, -14.80</code>
CIELCh	<code>74, 39.022, 202.290</code>
Yxy	<code>47.3581, 0.2262, 0.3185</code>
Android (<code>android.graphics.Color</code>)	<code>4281060049 (0xFF2BCAD1)</code>
YUV	<code>155.2570, 26.4953, -98.4494</code>
Hunter-Lab	<code>68.8172, -33.2116, -10.1471</code>

Details

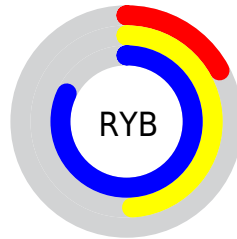
The Hex color **2BCAD1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D1322B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **77FFFF**, and **00939B** is the 20% darker color. If you saturate the color by 10%, you get **16C9D1**, and if you desaturate by 10%, it is **40CBD1**.

Distribution



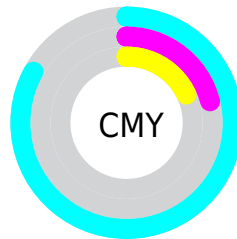
- Red (17%)
- Green (79%)
- Blue (82%)



- Red (17%)
- Yellow (49%)
- Blue (82%)



- Cyan (79%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (83%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BCAD1 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 2BCAD1 by changing the saturation by 10% instead.

 2BCAD1

 2BCAD1

FFFFFF

 00AEB5

 77FFFF

 00939B

 97FFFF

 007981

 B6FFFF

 006068

 D5FFFF

 004750

 F4FFFF

 003039

 001923

 00000C

 000000

 2BCAD1

 2BCAD1

 16C9D1

 40CBD1

 01C8D1

 55CCD1

 00C8D1

 6ACDD1

 7FCED1

 94CED1

 A8CFD1

 BDD0D1

 D2D1D1

 E7D2D1

Harmonies

Analogous

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



5CCAAC



2BCAD1



36C6EF

Triad

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



2BCAD1



DBA4E3



D7B270

Complementary

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



2BCAD1



D1322B

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.



F1A580



2BCAD1



F69CC2

Square

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



2BCAD1



AEB1F9



FD9D9E



B4BD73

Rectangle

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



2BCAD1



5EC1FB



FD9D9E



E1AE73

Sweetspot

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



2BCAD1



C2FCFF



2BD131



5B7E80



000000



808080

Same Dimension

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



2BCAD1



0DF5FF



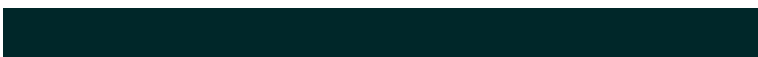
2B78D1



5E6869



00A1A8



002729

Inverse Universe

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



D12BCA



FF0DF5



D1842B



695E68



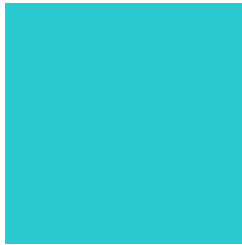
A800A1



290027

Previews

White Background



This preview shows how the Hex color 2BCAD1 looks on a white background.

Color Contrast Check

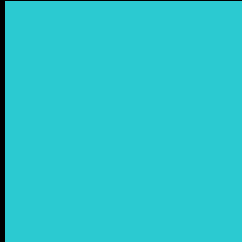
Large Text (above 18pt) WCAG AA × Fail

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 2BCAD1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

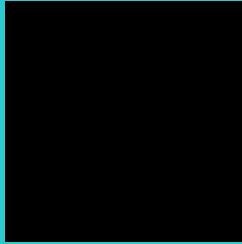
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

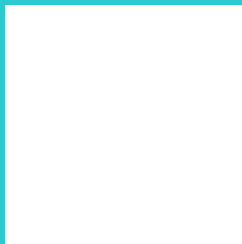
Any Text WCAG AAA ✓ Pass

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

Hex 2BCAD1 Background



This preview shows how black text looks on a background with the Hex color 2BCAD1.

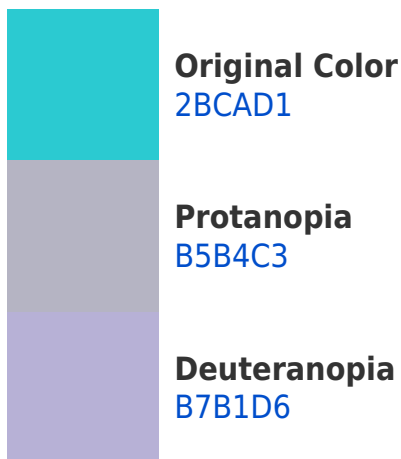


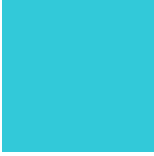
This preview shows how white text looks on a background with the Hex color 2BCAD1.

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
32C9D9

Trichromacy



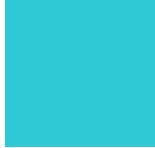
Original Color
2BCAD1



Protanomaly
83BCC8



Deuteranomaly
84BAD4



Tritanomaly
2FC9D6

Monochromacy



Original Color
2BCAD1



Achromatopsia
9B9B9B



Achromatomaly
72ACAF

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BCAD1 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 #2BCAD1 looks like.

```
.text, #text, p{  
    color:#2BCAD1  
}
```

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 #2BCAD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BCAD1
}
```

Border

The CSS property to change the border of an element to Hex 2BCAD1 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
#2BCAD1 }
```

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

```
.border{ border-color:#2BCAD1 }
```

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

Here you see how a box with a 4 pixel #2BCAD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCAD1; -webkit-box-shadow:4px 4px  
4px 4px #2BCAD1; box-shadow:4px 4px 4px  
4px #2BCAD1 }
```

Background

The CSS property to change the background color of an element to Hex 2BCAD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCAD1 }
```

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

```
.background{ background-color:#2BCAD1 }
```

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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