

Converting Colors

Hex(2BC099)

Have a look what the booklet for
Hex(2BC099) contains.

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Color

Hex(2BC099)

Conversions

Conversions Part 1

Format	Color
Hex	2BC099
RGB	43, 192, 153
RGB Percent	17%, 75%, 60%
CMY	0.8314, 0.2471, 0.4000
CMYK	0.78, 0.00, 0.20, 0.25
HSL	164°, 63%, 46%
HSV	164°, 78%, 75%
XYZ	25.5957, 40.5128, 36.6077
YIQ	143.0030, -76.2850, -43.7170

Conversions

Conversions Part 2

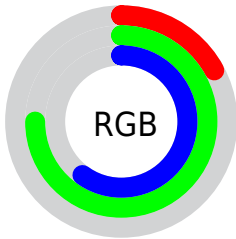
Format	Color
RYB	43, 129, 192
Decimal	2867353
CIELab	69.83, -47.09, 8.92
CIELCh	70, 47.924, 169.275
Yxy	40.5128, 0.2492, 0.3944
Android (android.graphics.Color)	4281057433 (0xFF2BC099)
YUV	143.0030, 4.9285, -87.7026
Hunter-Lab	63.6496, -39.6060, 10.4545

Details

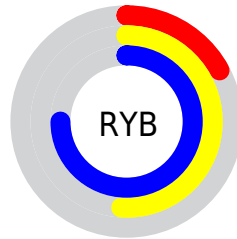
The Hex color **2BC099** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C02B52**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71F9CF**, and **008966** is the 20% darker color. If you saturate the color by 10%, you get **18C094**, and if you desaturate by 10%, it is **3EC09E**.

Distribution



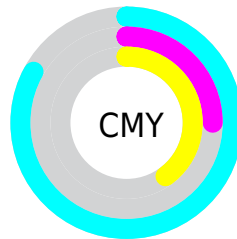
- Red (17%)
- Green (75%)
- Blue (60%)



- Red (17%)
- Yellow (51%)
- Blue (75%)



- Cyan (78%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (83%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC099 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 2BC099 by changing the saturation by 10% instead.

 2BC099

 2BC099

FFFFFF

 00A47F

 71F9CF

 008966

 8FFFE0

 006F4E

 AEFFFF

 005637

 CCFFFF

 003D22

 EAFFFF

 00280C

 000000

 2BC099

 2BC099

 18C094

 3EC09E

■ 05C08F

■ 51C0A3

■ 00C08E

■ 65C0A8

■ 78C0AD

■ 8BC0B2

■ 9EC0B7

■ B1C0BC

■ C5C0C1

■ D8C0C6

Harmonies

Analogous

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



77BB70



2BC099



00C1C6

Triad

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



2BC099



95A5FD



F0936A

Complementary

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



2BC099



C02B52

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.



FD8890



2BC099



D195E4

Square

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



2BC099



33B4FF



F488BC



D2A354

Rectangle

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



2BC099



00BFEO



F488BC



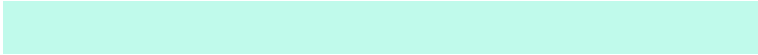
F78E76

Sweetspot

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



2BC099



C0FAEB



53C02B



5A7D74



FCFCFC



7D7D7D

Same Dimension

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



2BC099



11FABD



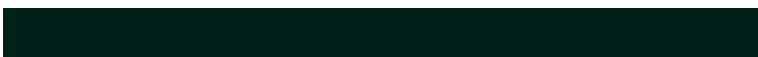
2B9DC0



57615E



00A177



002118

Inverse Universe

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



C02B52



FA114E



C04E2B



61575A



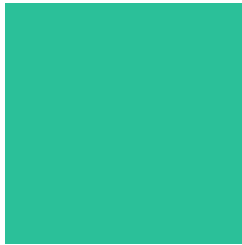
A1002A



210009

Previews

White Background



This preview shows how the Hex color 2BC099 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 2BC099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

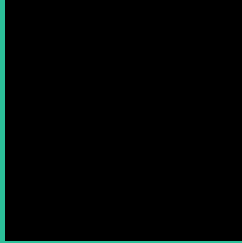
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

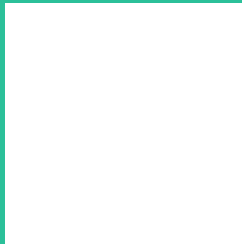
Any Text WCAG AAA ✓ Pass

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

Hex 2BC099 Background



This preview shows how black text looks on a background with the Hex color 2BC099.



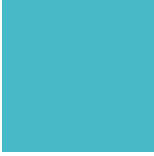
This preview shows how white text looks on a background with the Hex color 2BC099.

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](#).

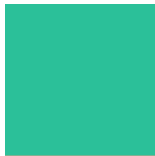
Dichromacy





Tritanopia
46BAC9

Trichromacy



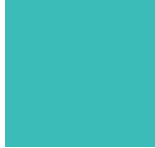
Original Color
2BC099



Protanomaly
82B191



Deuteranomaly
88AE9D



Tritanomaly
3CBCB8

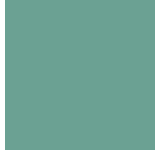
Monochromacy



Original Color
2BC099



Achromatopsia
8F8F8F



Achromatomaly
6BA193

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC099 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 #2BC099 looks like.

```
.text, #text, p{  
    color:#2BC099  
}
```

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 #2BC099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC099
}
```

Border

The CSS property to change the border of an element to Hex 2BC099 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
#2BC099 }
```

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

```
.border{ border-color:#2BC099 }
```

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

Here you see how a box with a 4 pixel #2BC099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC099; -webkit-box-shadow:4px 4px  
4px 4px #2BC099; box-shadow:4px 4px 4px  
4px #2BC099 }
```

Background

The CSS property to change the background color of an element to Hex 2BC099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC099 }
```

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

```
.background{ background-color:#2BC099 }
```

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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