

Converting Colors

Hex(2BB099)

Have a look what the booklet for
Hex(2BB099) contains.

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Color

Hex(2BB099)

Conversions

Conversions Part 1

Format	Color
Hex	2BB099
RGB	43, 176, 153
RGB Percent	17%, 69%, 60%
CMY	0.8314, 0.3098, 0.4000
CMYK	0.76, 0.00, 0.13, 0.31
HSL	170°, 61%, 43%
HSV	170°, 76%, 69%
XYZ	22.2714, 33.8642, 35.4996
YIQ	133.6110, -71.8850, -35.3490

Conversions

Conversions Part 2

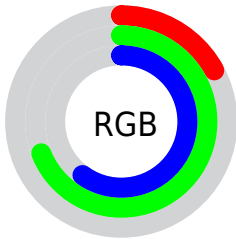
Format	Color
RYB	43, 116, 176
Decimal	2863257
CIELab	64.85, -40.26, 1.75
CIELCh	65, 40.297, 177.508
Yxy	33.8642, 0.2430, 0.3696
Android (android.graphics.Color)	4281053337 (0xFF2BB099)
YUV	133.6110, 9.5588, -79.4658
Hunter-Lab	58.1929, -33.5228, 4.5662

Details

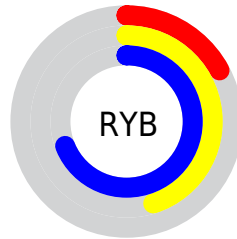
The Hex color **2BB099** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B02B42**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6EE8CF**, and **007B66** is the 20% darker color. If you saturate the color by 10%, you get **19B096**, and if you desaturate by 10%, it is **3DB09C**.

Distribution



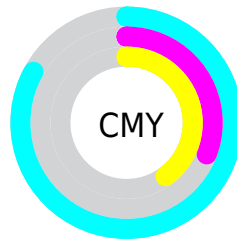
- Red (17%)
- Green (69%)
- Blue (60%)



- Red (17%)
- Yellow (45%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (83%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BB099 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 2BB099 by changing the saturation by 10% instead.

 2BB099

 2BB099

FFFFFF

 00957F

 6EE8CF

 007B66

 8CFFEB

 00614E

 AAFFFF

 004837

 C7FFFF

 003122

 E5FFFF

 001A0C

 000000

 2BB099

 2BB099

 19B096

 3DB09C

08B093

4EB09F

00B092

60B0A2

71B0A5

83B0A8

95B0AB

A6B0AE

B8B0B1

C9B0B4

Harmonies

Analogous

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



67AD75



2BB099



00B0BD

Triad

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



2BB099



9C95DD



D38D62

Complementary

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



2BB099



B02B42

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.



E2837E



2BB099



C888C5

Square

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



2BB099



5FA2E5



DF81A2



B79A54

Rectangle

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



2BB099



00ADD1



DF81A2



D9896A

Sweetspot

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



2BB099



B1E6DC



43B02B



53736D



F2F2F2



737373

Same Dimension

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



2BB099



15E6C1



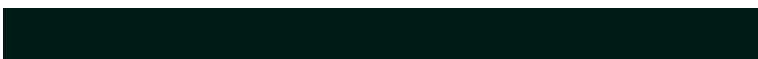
2B86B0



505958



00997F



001A15

Inverse Universe

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



B02B42



E61539



B0552B



595052



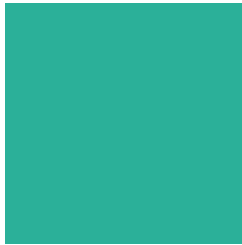
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 2BB099 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 2BB099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

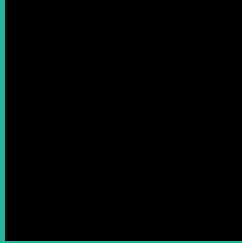
Any Text WCAG AA ✓ Pass

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 2BB099 Background



This preview shows how black text looks on a background with the Hex color 2BB099.

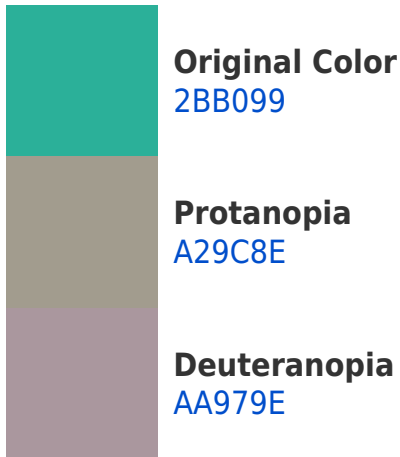


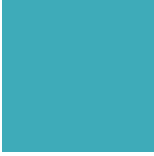
This preview shows how white text looks on a background with the Hex color 2BB099.

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
3EABB9

Trichromacy



Original Color
2BB099



Protanomaly
77A392



Deuteranomaly
7CA09C



Tritanomaly
37ADAD

Monochromacy



Original Color
2BB099



Achromatopsia
868686



Achromatomaly
65958D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BB099 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 #2BB099 looks like.

```
.text, #text, p{  
    color:#2BB099  
}
```

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 #2BB099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BB099
}
```

Border

The CSS property to change the border of an element to Hex 2BB099 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
#2BB099 }
```

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

```
.border{ border-color:#2BB099 }
```

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

Here you see how a box with a 4 pixel #2BB099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BB099; -webkit-box-shadow:4px 4px  
4px 4px #2BB099; box-shadow:4px 4px 4px  
4px #2BB099 }
```

Background

The CSS property to change the background color of an element to Hex 2BB099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BB099 }
```

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

```
.background{ background-color:#2BB099 }
```

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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