

Converting Colors

Hex(2BC395)

Have a look what the booklet for
Hex(2BC395) contains.

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Color

Hex(2BC395)

Conversions

Conversions Part 1

Format	Color
Hex	2BC395
RGB	43, 195, 149
RGB Percent	17%, 76%, 58%
CMY	0.8314, 0.2353, 0.4157
CMYK	0.78, 0.00, 0.24, 0.24
HSL	162°, 64%, 47%
HSV	162°, 78%, 76%
XYZ	25.9362, 41.7137, 35.1183
YIQ	144.3080, -75.8260, -46.5300

Conversions

Conversions Part 2

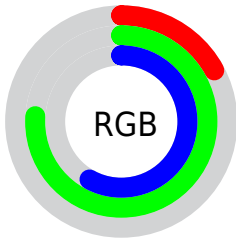
Format	Color
RYB	43, 133, 195
Decimal	2868117
CIELab	70.67, -49.28, 12.28
CIELCh	71, 50.788, 166.010
Yxy	41.7137, 0.2524, 0.4059
Android (android.graphics.Color)	4281058197 (0xFF2BC395)
YUV	144.3080, 2.3132, -88.8471
Hunter-Lab	64.5862, -41.3447, 12.9717

Details

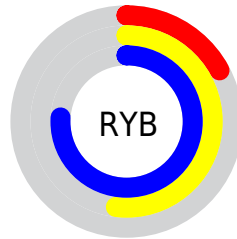
The Hex color **2BC395** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C32B59**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71FCCB**, and **008C62** is the 20% darker color. If you saturate the color by 10%, you get **18C38F**, and if you desaturate by 10%, it is **3FC39B**.

Distribution



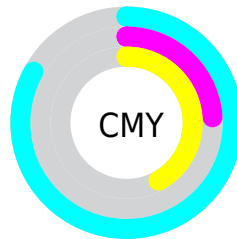
- Red (17%)
- Green (76%)
- Blue (58%)



- Red (17%)
- Yellow (52%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (83%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC395 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 2BC395 by changing the saturation by 10% instead.

 2BC395

 2BC395

FFFFFF

 00A77B

 71FCCB

 008C62

 90FFE7

 00724A

 AEFFFF

 005834

 CCFFFF

 00401E

 EBFFFF

 002A07

 000500

 000000

 2BC395

 2BC395

■ 18C38F

■ 3FC39B

■ 04C389

■ 52C3A1

■ 00C388

■ 66C3A7

■ 79C3AD

■ 8DC3B3

■ A0C3B8

■ B4C3BE

■ C7C3C4

■ DBC3CA

Harmonies

Analogous

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



7CBD6A



2BC395



00C4C5

Triad

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



2BC395



8DA9FF



F9926C

Complementary

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



2BC395



C32B59

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.



FF8796



2BC395



D097ED

Square

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



2BC395



00B8FF



F889C5



DBA352

Rectangle

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



2BC395



00C3E2



F889C5



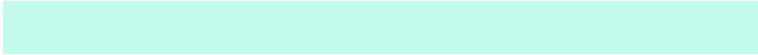
FF8D79

Sweetspot

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



2BC395



C2FCEB



5BC32B



5C8075



000000



808080

Same Dimension

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



2BC395



0FFCB5



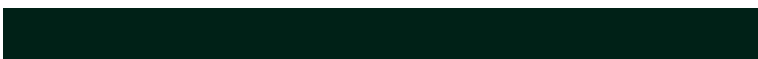
2BA7C3



57615E



00A170



002117

Inverse Universe

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



C32B59



FC0F57



C3472B



61575A



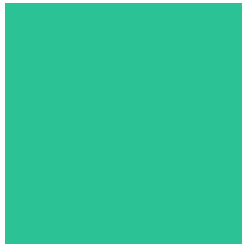
A10031



21000A

Previews

White Background



This preview shows how the Hex color 2BC395 looks on a white background.

Color Contrast Check

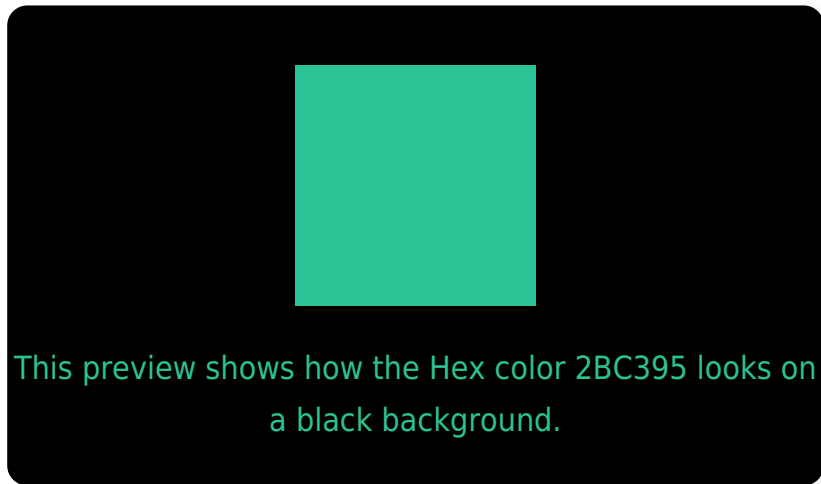
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 2BC395 Background



This preview shows how black text looks on a background with the Hex color 2BC395.

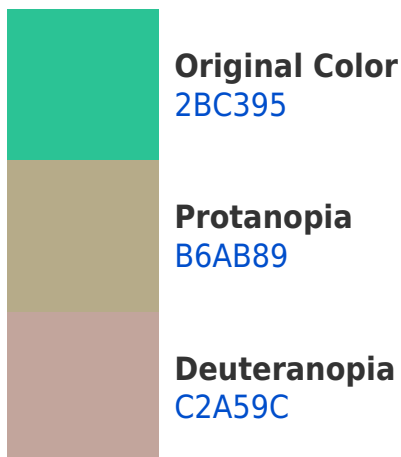


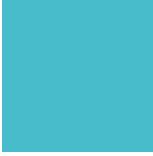
This preview shows how white text looks on a background with the Hex color 2BC395.

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
49BCCB

Trichromacy



Original Color
2BC395



Protanomaly
83B48D



Deuteranomaly
8BB099



Tritanomaly
3EBFB7

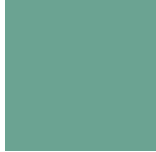
Monochromacy



Original Color
2BC395



Achromatopsia
909090



Achromatomaly
6BA392

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC395 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 #2BC395 looks like.

```
.text, #text, p{  
    color:#2BC395  
}
```

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 #2BC395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC395
}
```

Border

The CSS property to change the border of an element to Hex 2BC395 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
#2BC395 }
```

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

```
.border{ border-color:#2BC395 }
```

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

Here you see how a box with a 4 pixel #2BC395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC395; -webkit-box-shadow:4px 4px  
4px 4px #2BC395; box-shadow:4px 4px 4px  
4px #2BC395 }
```

Background

The CSS property to change the background color of an element to Hex 2BC395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC395 }
```

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

```
.background{ background-color:#2BC395 }
```

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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