

Converting Colors

Hex(2BC384)

Have a look what the booklet for
Hex(2BC384) contains.

Hex(2BC384)	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(2BC384)

Conversions

Conversions Part 1

Format	Color
Hex	2BC384
RGB	43, 195, 132
RGB Percent	17%, 76%, 52%
CMY	0.8314, 0.2353, 0.4824
CMYK	0.78, 0.00, 0.32, 0.24
HSL	155°, 64%, 47%
HSV	155°, 78%, 76%
XYZ	24.6762, 41.2097, 28.4835
YIQ	142.3700, -70.3690, -51.8170

Conversions

Conversions Part 2

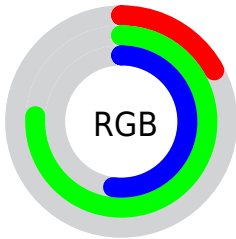
Format	Color
RYB	43, 139, 195
Decimal	2868100
CIELab	70.32, -53.11, 20.92
CIELCh	70, 57.082, 158.500
Yxy	41.2097, 0.2615, 0.4367
Android (android.graphics.Color)	4281058180 (0xFF2BC384)
YUV	142.3700, -5.1124, -87.1475
Hunter-Lab	64.1948, -43.7263, 18.6292

Details

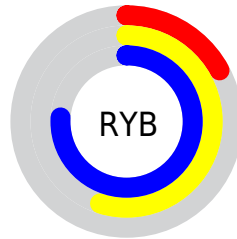
The Hex color **2BC384** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C32B6A**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FDB9**, and **008C52** is the 20% darker color. If you saturate the color by 10%, you get **18C37C**, and if you desaturate by 10%, it is **3FC38C**.

Distribution



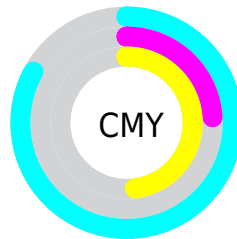
- Red (17%)
- Green (76%)
- Blue (52%)



- Red (17%)
- Yellow (55%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (83%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC384 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 2BC384 by changing the saturation by 10% instead.



2BC384



2BC384

FFFFFF



00A76B



71FDB9



008C52



8FFFD5



00723B



ADFFF2



005824



CCFFFF



003F0F



EAFFFF



002900



000200



000000



2BC384



2BC384

■ 18C37C

■ 3FC38C

■ 04C374

■ 52C394

■ 00C372

■ 66C39C

■ 79C3A4

■ 8DC3AC

■ A0C3B4

■ B4C3BD

■ C7C3C5

■ DBC3CD

Harmonies

Analogous

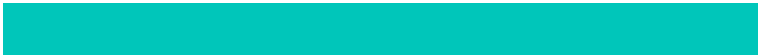
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84BB57



2BC384



00C6BA

Triad

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



2BC384



68ADFF



FF886E

Complementary

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



2BC384



C32B6A

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.



FF7E9F



2BC384



C398FE

Square

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



2BC384



00BCFF



F785D3



E79C4A

Rectangle

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



2BC384



00C5DC



F785D3



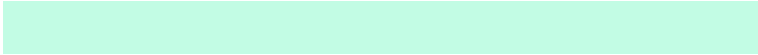
FF837D

Sweetspot

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



2BC384



C2FCE4



6AC32B



5C8071



000000



808080

Same Dimension

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



2BC384



0FFC9A



2BB6C3



57615D



00A15E



002113

Inverse Universe

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



C32B6A



FC0F72



C3382B



61575B



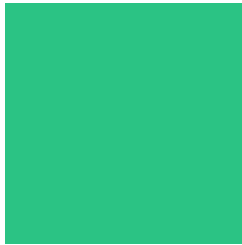
A10043



21000E

Previews

White Background



This preview shows how the Hex color 2BC384 looks on a white background.

Color Contrast Check

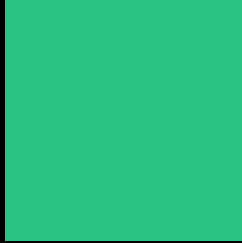
Large Text (above 18pt) WCAG AA × Fail

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 2BC384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

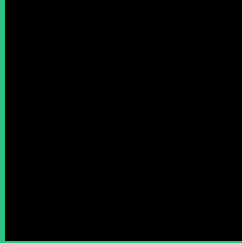
Any Text WCAG AA ✓ Pass

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 2BC384 Background



This preview shows how black text looks on a background with the Hex color 2BC384.

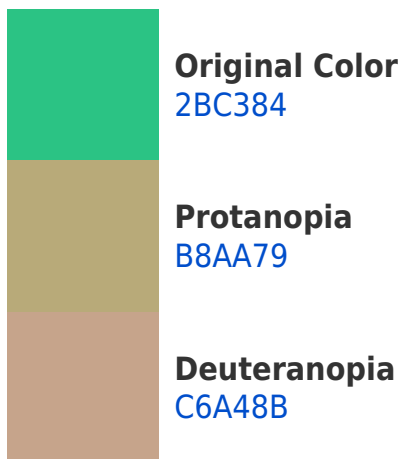


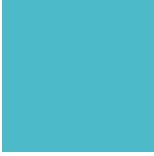
This preview shows how white text looks on a background with the Hex color 2BC384.

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](#).

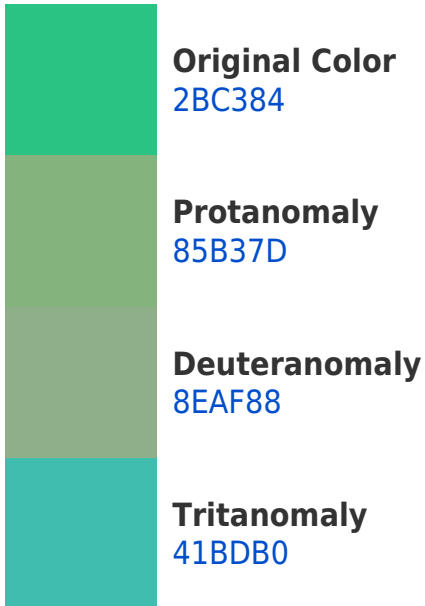
Dichromacy



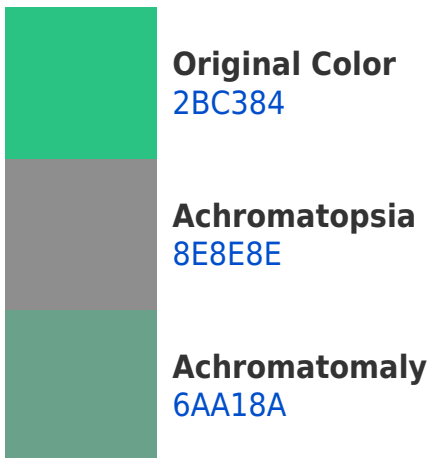


Tritanopia
4DBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC384 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 #2BC384 looks like.

```
.text, #text, p{  
    color:#2BC384  
}
```

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 #2BC384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC384
}
```

Border

The CSS property to change the border of an element to Hex 2BC384 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
#2BC384 }
```

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

```
.border{ border-color:#2BC384 }
```

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

Here you see how a box with a 4 pixel #2BC384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC384; -webkit-box-shadow:4px 4px  
4px 4px #2BC384; box-shadow:4px 4px 4px  
4px #2BC384 }
```

Background

The CSS property to change the background color of an element to Hex 2BC384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC384 }
```

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

```
.background{ background-color:#2BC384 }
```

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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