

Converting Colors

Hex(2BC459)

Have a look what the booklet for
Hex(2BC459) contains.

Hex(2BC459)	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(2BC459)

Conversions

Conversions Part 1

Format	Color
Hex	2BC459
RGB	43, 196, 89
RGB Percent	17%, 77%, 35%
CMY	0.8314, 0.2314, 0.6510
CMYK	0.78, 0.00, 0.55, 0.23
HSL	138°, 64%, 47%
HSV	138°, 78%, 77%
XYZ	22.5394, 40.7147, 16.1220
YIQ	138.0550, -56.8410, -65.7130

Conversions

Conversions Part 2

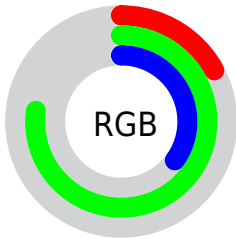
Format	Color
RYB	43, 161, 196
Decimal	2868313
CIELab	69.98, -61.10, 42.43
CIELCh	70, 74.386, 145.225
Yxy	40.7147, 0.2840, 0.5129
Android (android.graphics.Color)	4281058393 (0xFF2BC459)
YUV	138.0550, -24.1841, -83.3632
Hunter-Lab	63.8081, -48.6114, 29.6852

Details

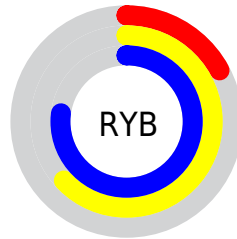
The Hex color **2BC459** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C42B96**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **72FE8D**, and **008D26** is the 20% darker color. If you saturate the color by 10%, you get **17C44B**, and if you desaturate by 10%, it is **3FC467**.

Distribution



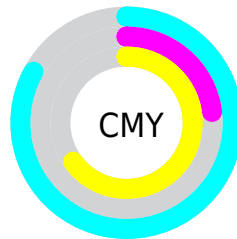
- Red (17%)
- Green (77%)
- Blue (35%)



- Red (17%)
- Yellow (63%)
- Blue (77%)



- Cyan (78%)
- Magenta (0%)
- Yellow (55%)
- Black (23%)



- Cyan (83%)
- Magenta (23%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC459 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 2BC459 by changing the saturation by 10% instead.

 2BC459

 2BC459

FFFFFF

 00A840

 72FE8D

 008D26

 90FFA9

 007208

 AFFFC4

 005800

 CDFFE1

 003F00

 EBFFFE

 002800

 000000

 2BC459

 2BC459

 17C44B

 3FC467

 04C43E

 52C474

 00C43B

 66C482

 79C490

 8DC49E

 A1C4AB

 B4C4B9

 C8C4C7

 DBC4D4

Harmonies

Analogous

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



94B819



2BC459



00CA9E

Triad

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



2BC459



00B6FF



FF6D76

Complementary

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



2BC459



C42B96

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.



FF67B9



2BC459



959EFF

Square

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



2BC459



00C5FF



F27EF9



FF893A

Rectangle

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



2BC459



00CACD



F27EF9



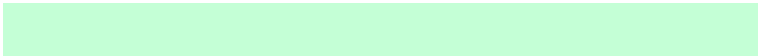
FF688C

Sweetspot

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



2BC459



C4FFD6



96C42B



5C8067



000000



808080

Same Dimension

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



2BC459



0FFF57



2BC4A5



57615A



00A130



00210A

Inverse Universe

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



C42B96



FF0FB7



C42B4A



61575E



A10070



210017

Previews

White Background



This preview shows how the Hex color 2BC459 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 2BC459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

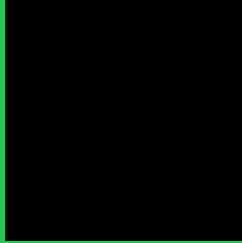
Any Text WCAG AA ✓ Pass

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 2BC459 Background



This preview shows how black text looks on a background with the Hex color 2BC459.

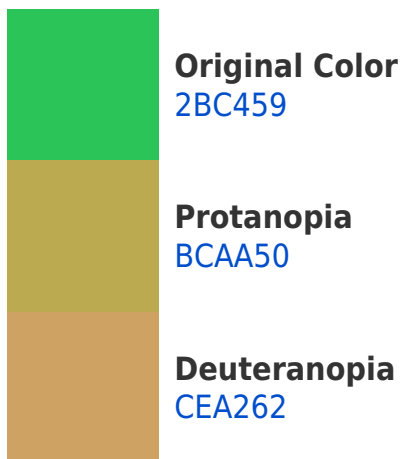


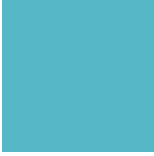
This preview shows how white text looks on a background with the Hex color 2BC459.

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
56B8C7

Trichromacy



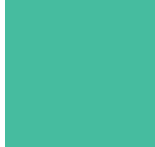
Original Color
2BC459



Protanomaly
87B353



Deuteranomaly
93AE5F



Tritanomaly
46BC9F

Monochromacy



Original Color
2BC459



Achromatopsia
8A8A8A



Achromatomaly
679F78

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC459 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 #2BC459 looks like.

```
.text, #text, p{  
    color:#2BC459  
}
```

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 #2BC459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC459
}
```

Border

The CSS property to change the border of an element to Hex 2BC459 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
#2BC459 }
```

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

```
.border{ border-color:#2BC459 }
```

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

Here you see how a box with a 4 pixel #2BC459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC459; -webkit-box-shadow:4px 4px  
4px 4px #2BC459; box-shadow:4px 4px 4px  
4px #2BC459 }
```

Background

The CSS property to change the background color of an element to Hex 2BC459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC459 }
```

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

```
.background{ background-color:#2BC459 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor