

Converting Colors

Hex(2BC154)

Have a look what the booklet for
Hex(2BC154) contains.

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Color

Hex(2BC154)

Conversions

Conversions Part 1

Format	Color
Hex	2BC154
RGB	43, 193, 84
RGB Percent	17%, 76%, 33%
CMY	0.8314, 0.2431, 0.6706
CMYK	0.78, 0.00, 0.56, 0.24
HSL	136°, 64%, 46%
HSV	136°, 78%, 76%
XYZ	21.6665, 39.2936, 14.8300
YIQ	135.7240, -54.4110, -65.6990

Conversions

Conversions Part 2

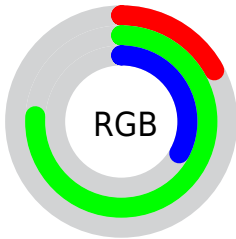
Format	Color
RYB	43, 161, 193
Decimal	2867540
CIELab	68.96, -60.79, 43.59
CIELCh	69, 74.798, 144.357
Yxy	39.2936, 0.2859, 0.5185
Android (android.graphics.Color)	4281057620 (0xFF2BC154)
YUV	135.7240, -25.4999, -81.3189
Hunter-Lab	62.6846, -48.0009, 29.8523

Details

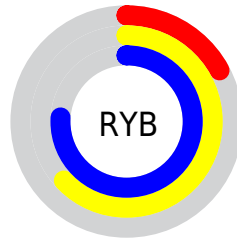
The Hex color **2BC154** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **C12B98**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **71FB88**, and **008A20** is the 20% darker color. If you saturate the color by 10%, you get **18C146**, and if you desaturate by 10%, it is **3EC162**.

Distribution



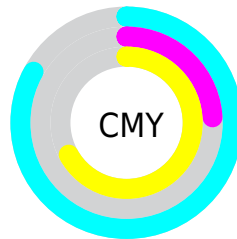
- Red (17%)
- Green (76%)
- Blue (33%)



- Red (17%)
- Yellow (63%)
- Blue (76%)



- Cyan (78%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (83%)
- Magenta (24%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC154 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 2BC154 by changing the saturation by 10% instead.

 2BC154

 2BC154

FFFFFF

 00A53A

 71FB88

 008A20

 90FFA3

 006F00

 AEFFBF

 005600

 CCFFDB

 003D00

 EAFFF8

 002500

 000000

 2BC154

 2BC154

 18C146

 3EC162

■ 04C138

■ 52C170

■ 00C135

■ 65C17E

■ 78C18C

■ 8CC19A

■ 9FC1A8

■ B2C1B6

■ C5C1C4

■ D9C1D2

Harmonies

Analogous

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



93B510



2BC154



00C799

Triad

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



2BC154



00B4FF



FF6975

Complementary

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



2BC154



C12B98

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.



FF64B8



2BC154



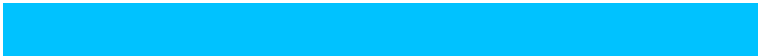
8D9CFF

Square

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



2BC154



00C2FF



ED7CF8



FF8538

Rectangle

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



2BC154



00C8C8



ED7CF8



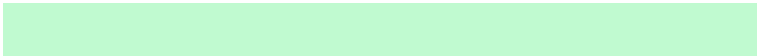
FF648B

Sweetspot

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



2BC154



C0FAD0



99C12B



5A7D64



FCFCFC



7D7D7D

Same Dimension

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



2BC154



11FA51



2BC19E



57615A



00A12C



002109

Inverse Universe

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



C12B98



FA11BA



C12B4E



61575E



A10075



210018

Previews

White Background



This preview shows how the Hex color 2BC154 looks on a white background.

Color Contrast Check

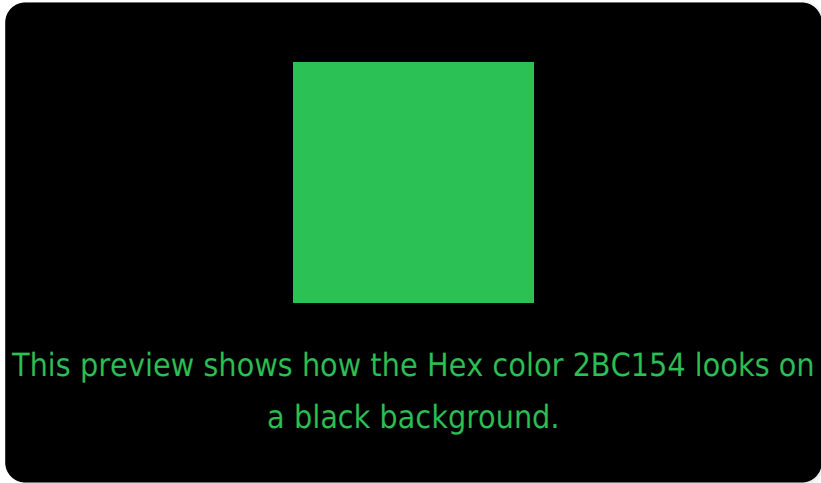
Large Text (above 18pt) WCAG AA × Fail

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

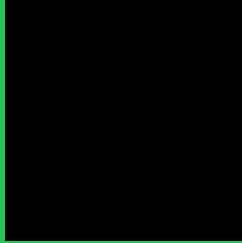
Any Text WCAG AA ✓ Pass

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 2BC154 Background



This preview shows how black text looks on a background with the Hex color 2BC154.



This preview shows how white text looks on a background with the Hex color 2BC154.

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](#).

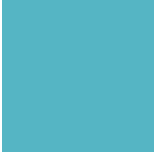
Dichromacy



Original Color
2BC154

Protanopia
B9A74C

Deuteranopia
CC9F5D



Tritanopia
55B5C4

Trichromacy



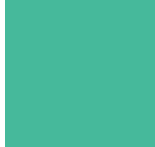
Original Color
2BC154



Protanomaly
85B04F



Deuteranomaly
91AB5A



Tritanomaly
46B99B

Monochromacy



Original Color
2BC154



Achromatopsia
888888



Achromatomaly
669D75

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC154 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 #2BC154 looks like.

```
.text, #text, p{  
    color:#2BC154  
}
```

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 #2BC154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC154
}
```

Border

The CSS property to change the border of an element to Hex 2BC154 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
#2BC154 }
```

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

```
.border{ border-color:#2BC154 }
```

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

Here you see how a box with a 4 pixel #2BC154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC154; -webkit-box-shadow:4px 4px  
4px 4px #2BC154; box-shadow:4px 4px 4px  
4px #2BC154 }
```

Background

The CSS property to change the background color of an element to Hex 2BC154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC154 }
```

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

```
.background{ background-color:#2BC154 }
```

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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