

Converting Colors

Hex(2BC671)

Have a look what the booklet for
Hex(2BC671) contains.

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Color

Hex(2BC671)

Conversions

Conversions Part 1

Format	Color
Hex	2BC671
RGB	43, 198, 113
RGB Percent	17%, 78%, 44%
CMY	0.8314, 0.2235, 0.5569
CMYK	0.78, 0.00, 0.43, 0.22
HSL	147°, 64%, 47%
HSV	147°, 78%, 78%
XYZ	24.1710, 42.0940, 22.4738
YIQ	141.9650, -65.0950, -59.2950

Conversions

Conversions Part 2

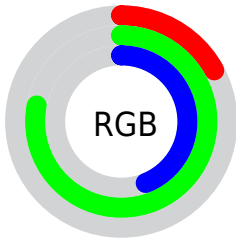
Format	Color
RYB	43, 150, 198
Decimal	2868849
CIELab	70.94, -57.94, 31.69
CIELCh	71, 66.046, 151.323
Yxy	42.0940, 0.2724, 0.4744
Android (android.graphics.Color)	4281058929 (0xFF2BC671)
YUV	141.9650, -14.2797, -86.7923
Hunter-Lab	64.8799, -47.0397, 24.8784

Details

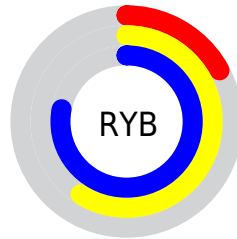
The Hex color **2BC671** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C62B80**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72FFA6**, and **008F3F** is the 20% darker color. If you saturate the color by 10%, you get **17C666**, and if you desaturate by 10%, it is **3FC67C**.

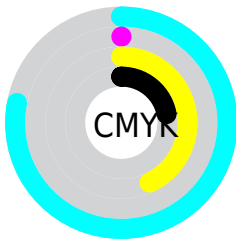
Distribution



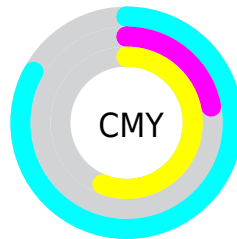
- Red (17%)
- Green (78%)
- Blue (44%)



- Red (17%)
- Yellow (59%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (43%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC671 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 2BC671 by changing the saturation by 10% instead.

 2BC671

 2BC671

FFFFFF

 00AA58

 72FFA6

 008F3F

 90FFC1

 007428

 AEFFDD

 005A0F

 CDFFFA

 004100

 EBFFFF

 002A00

 000600

 000000

 2BC671

 2BC671

 17C666

 3FC67C

 03C65B

 53C687

 00C659

 66C692

 7AC69C

 8EC6A7

 A2C6B2

 B6C6BD

 C9C6C8

 DDC6D3

Harmonies

Analogous

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



8EBC3E



2BC671



00CAAF

Triad

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



2BC671



00B4FF



FF7E73

Complementary

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



2BC671



C62B80

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.



FF75AD



2BC671



B29DFF

Square

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



2BC671



00C3FF



F883E8



FA9542

Rectangle

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



2BC671



00CAD8



F883E8



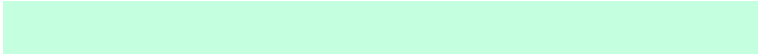
FF7885

Sweetspot

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



2BC671



C4FFDF



80C62B



5C806C



000000



808080

Same Dimension

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



2BC671



0FFF7C



2BC6BE



5A635E



00A34A



002410

Inverse Universe

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



C62B80



FF0F93



C62B33



635A5F



A30059



240014

Previews

White Background



This preview shows how the Hex color 2BC671 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 2BC671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

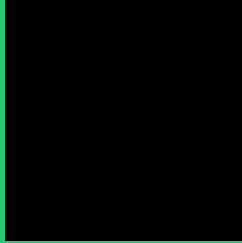
Any Text WCAG AA ✓ Pass

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 2BC671 Background



This preview shows how black text looks on a background with the Hex color 2BC671.

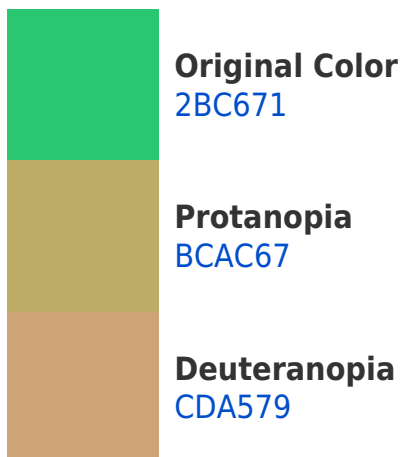


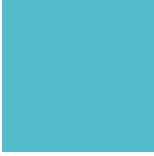
This preview shows how white text looks on a background with the Hex color 2BC671.

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





Trichromacy



Original Color
2BC671



Protanomaly
87B56B



Deuteranomaly
92B176



Tritanomaly
44C0AA

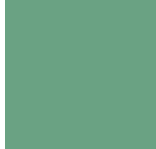
Monochromacy



Original Color
2BC671



Achromatopsia
8E8E8E



Achromatomaly
6AA283

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC671 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 #2BC671 looks like.

```
.text, #text, p{  
    color:#2BC671  
}
```

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 #2BC671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC671
}
```

Border

The CSS property to change the border of an element to Hex 2BC671 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
#2BC671 }
```

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

```
.border{ border-color:#2BC671 }
```

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

Here you see how a box with a 4 pixel #2BC671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC671; -webkit-box-shadow:4px 4px  
4px 4px #2BC671; box-shadow:4px 4px 4px  
4px #2BC671 }
```

Background

The CSS property to change the background color of an element to Hex 2BC671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC671 }
```

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

```
.background{ background-color:#2BC671 }
```

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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