

# Converting Colors

Hex(2BC76D)

Have a look what the booklet for  
Hex(2BC76D) contains.

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**Color**

**Hex(2BC76D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BC76D
RGB	43, 199, 109
RGB Percent	17%, 78%, 43%
CMY	0.8314, 0.2196, 0.5725
CMYK	0.78, 0.00, 0.45, 0.22
HSL	145°, 64%, 47%
HSV	145°, 78%, 78%
XYZ	24.1800, 42.4646, 21.3901
YIQ	142.0960, -64.0860, -61.0620

# Conversions

## Conversions Part 2

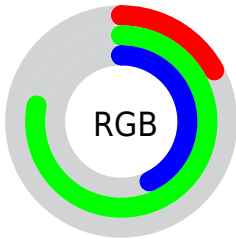
Format	Color
<a href="#">RYB</a>	<a href="#">43, 153, 199</a>
Decimal	<a href="#">2869101</a>
CIELab	<a href="#">71.19, -59.00, 34.06</a>
CIELCh	<a href="#">71, 68.128, 150.001</a>
Yxy	<a href="#">42.4646, 0.2747, 0.4824</a>
Android (android.graphics.Color)	<a href="#">4281059181 (0xFF2BC76D)</a>
YUV	<a href="#">142.0960, -16.3163, -86.9072</a>
Hunter-Lab	<a href="#">65.1648, -47.8044, 26.1537</a>

# Details

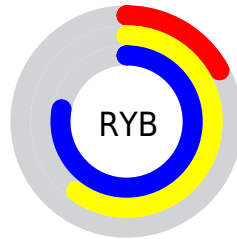
The Hex color **2BC76D** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C72B85**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **72FFA2**, and **00903B** is the 20% darker color. If you saturate the color by 10%, you get **17C762**, and if you desaturate by 10%, it is **3FC778**.

# Distribution



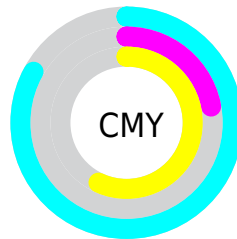
- Red (17%)
- Green (78%)
- Blue (43%)



- Red (17%)
- Yellow (60%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2BC76D 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 2BC76D by changing the saturation by 10% instead.



 2BC76D

 2BC76D

FFFFFF

 00AB54

 72FFA2

 00903B

 91FFBD

 007523

 AFFFD9

 005B09

 CDFFF6

 004200

 ECFFFF

 002B00

 000800

 000000

 2BC76D

 2BC76D

■ 17C762

■ 3FC778

■ 03C756

■ 53C784

■ 00C754

■ 67C78F

■ 7BC79B

■ 8FC7A6

■ A2C7B2

■ B6C7BD

■ CAC7C9

■ DEC7D4

# Harmonies

## Analogous

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



90BD38



2BC76D



00CCAC

# Triad

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



2BC76D



00B5FF



FF7B74

# Complementary

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



2BC76D



C72B85

# 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.



FF73B1



2BC76D



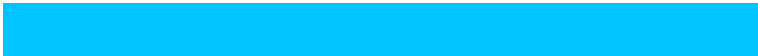
AE9EFF

# Square

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



2BC76D



00C4FF



F983ED



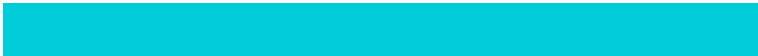
FE9341

# Rectangle

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



2BC76D



00CCD7



F983ED



FF7688

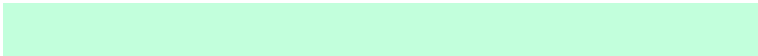


# Sweetspot

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



2BC76D



C2FFDC



86C72B



5B806A



000000



808080



# Same Dimension

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



2BC76D



0FFF75



2BC7BA



5A635E



00A345



00240F



# Inverse Universe

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



C72B85



FF0F9A



C72B38



635A5F



A3005E

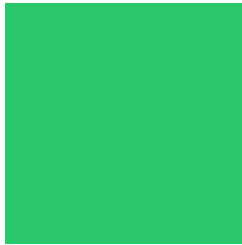


240015



# Previews

## White Background



This preview shows how the Hex color 2BC76D 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 2BC76D 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 2BC76D Background



This preview shows how black text looks on a background with the Hex color 2BC76D.

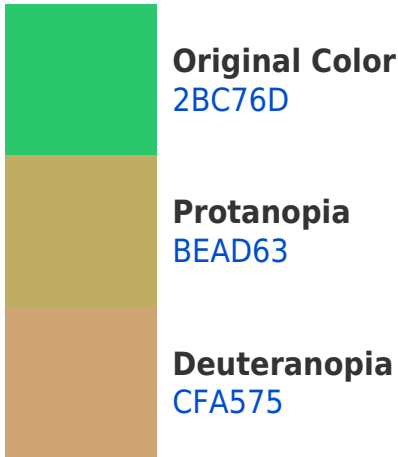


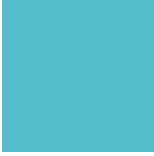
This preview shows how white text looks on a background with the Hex color 2BC76D.

# 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**  
54BCCB

# Trichromacy



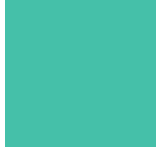
**Original Color**  
2BC76D



**Protanomaly**  
89B667



**Deuteranomaly**  
93B172



**Tritanomaly**  
45C0A9

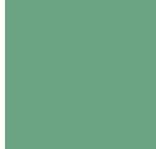
# Monochromacy



**Original Color**  
2BC76D



**Achromatopsia**  
8E8E8E



**Achromatomaly**  
6AA382

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2BC76D 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 #2BC76D looks like.

```
.text, #text, p{  
    color:#2BC76D  
}
```

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 #2BC76D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC76D
}
```

## Border

The CSS property to change the border of an element to Hex 2BC76D 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
#2BC76D }
```

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

```
.border{ border-color:#2BC76D }
```

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

Here you see how a box with a 4 pixel #2BC76D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC76D; -webkit-box-shadow:4px 4px  
4px 4px #2BC76D; box-shadow:4px 4px 4px  
4px #2BC76D }
```

# Background

The CSS property to change the background color of an element to Hex 2BC76D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC76D }
```

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

```
.background{ background-color:#2BC76D }
```

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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