

Converting Colors

Hex(2BCE00)

Have a look what the booklet for
Hex(2BCE00) contains.

Hex(2BCE00)	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(2BCE00)

Conversions

Conversions Part 1

Format	Color
Hex	2BCE00
RGB	43, 206, 0
RGB Percent	17%, 81%, 0%
CMY	0.8314, 0.1922, 1.0000
CMYK	0.79, 0.00, 1.00, 0.19
HSL	107°, 100%, 40%
HSV	107°, 100%, 81%
XYZ	23.0676, 44.6562, 7.4037
YIQ	133.7790, -31.0220, -98.6220

Conversions

Conversions Part 2

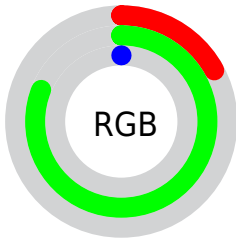
Format	Color
RYB	0, 206, 163
Decimal	2870784
CIELab	72.66, -70.29, 71.24
CIELCh	73, 100.081, 134.618
Yxy	44.6562, 0.3070, 0.5944
Android (android.graphics.Color)	4281060864 (0xFF2BCE00)
YUV	133.7790, -65.9530, -79.6132
Hunter-Lab	66.8253, -55.3275, 40.2088

Details

The Hex color **2BCE00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A300CE**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **77FF52**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **2BCE00**, and if you desaturate by 10%, it is **3BCE15**.

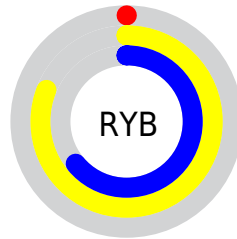
Distribution



Red (17%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (64%)

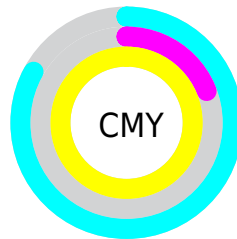


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (83%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BCE00 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 2BCE00 by changing the saturation by 10% instead.

 2BCE00

 2BCE00

FFFFFF

 00B200

 77FF52

 009600

 97FF6F

 007B00

 B6FF8C

 006100

 D5FFA8

 004700

 F5FFC5

 002F00

 FFFFE3

 001100

 000000

 2BCE00

 3BCE15

 4CCE29

 5CCE3E

 6CCE52

 7DCE67

 8DCE7C

 9DCE90

 ADCEA5

 BECEB9

Harmonies

Analogous

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



AEBC00



2BCE00



00D77E

Triad

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



2BCE00



00CAFF



FF388A

Complementary

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



2BCE00



A300CE

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.



FF47E5



2BCE00



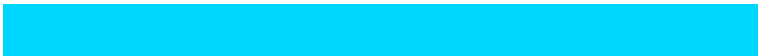
00AFFF

Square

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



2BCE00



00D7FF



EB81FF



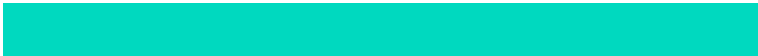
FF6D30

Rectangle

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



2BCE00



00D9BF



EB81FF



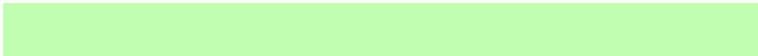
FF31A8

Sweetspot

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



2BCE00



C2FFB3



CEA100



5B8052



000000



808080

Same Dimension

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



2BCE00



35FF00



00CE3A



5E665C



23A600



082600

Inverse Universe

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



A300CE



CA00FF



CE0094



645C66



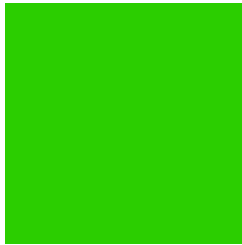
8300A6



1E0026

Previews

White Background



This preview shows how the Hex color 2BCE00 looks on a white background.

Color Contrast Check

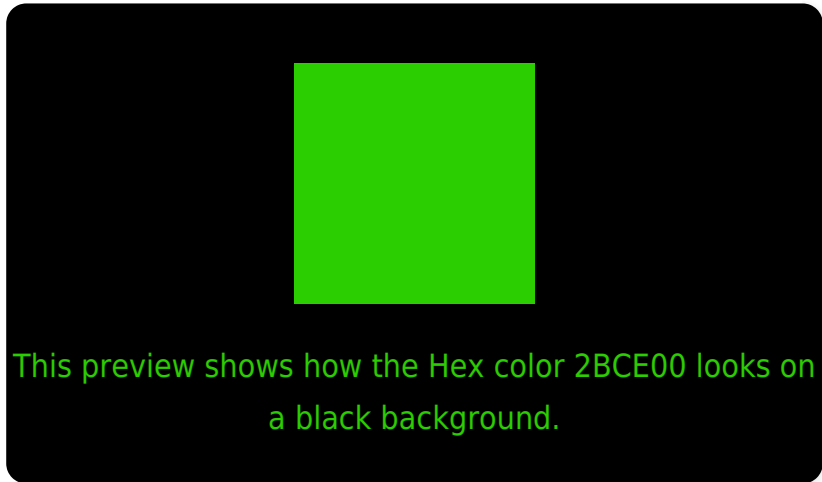
Large Text (above 18pt) WCAG AA × Fail

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 2BCE00 Background



This preview shows how black text looks on a background with the Hex color 2BCE00.

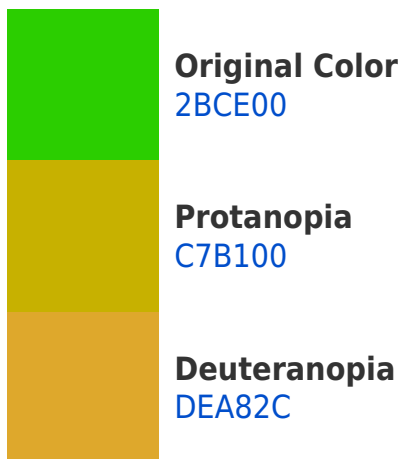


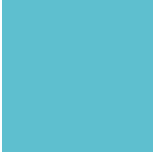
This preview shows how white text looks on a background with the Hex color 2BCE00.

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](#).

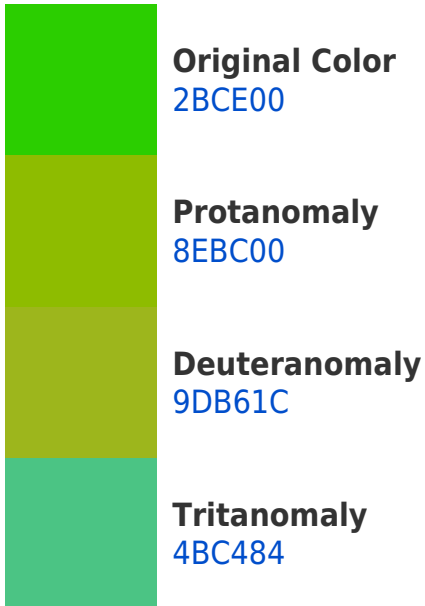
Dichromacy



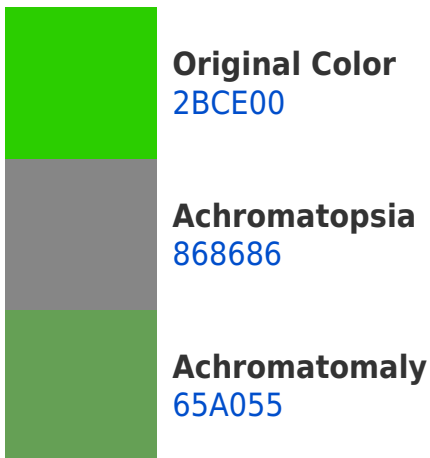


Tritanopia
5EBFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2BCE00 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 #2BCE00 looks like.

```
.text, #text, p{  
    color:#2BCE00  
}
```

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 #2BCE00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BCE00
}
```

Border

The CSS property to change the border of an element to Hex 2BCE00 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
#2BCE00 }
```

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

```
.border{ border-color:#2BCE00 }
```

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

Here you see how a box with a 4 pixel #2BCE00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BCE00; -webkit-box-shadow:4px 4px  
4px 4px #2BCE00; box-shadow:4px 4px 4px  
4px #2BCE00 }
```

Background

The CSS property to change the background color of an element to Hex 2BCE00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BCE00 }
```

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

```
.background{ background-color:#2BCE00 }
```

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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