

Converting Colors

Hex(2BE839)

Have a look what the booklet for
Hex(2BE839) contains.

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Color

Hex(2BE839)

Conversions

Conversions Part 1

Format	Color
Hex	2BE839
RGB	43, 232, 57
RGB Percent	17%, 91%, 22%
CMY	0.8314, 0.0902, 0.7765
CMYK	0.81, 0.00, 0.75, 0.09
HSL	124°, 80%, 54%
HSV	124°, 81%, 91%
XYZ	30.5914, 58.5222, 13.5545
YIQ	155.5390, -56.4690, -94.4930

Conversions

Conversions Part 2

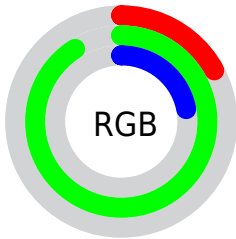
Format	Color
RYB	43, 219, 232
Decimal	2877497
CIELab	81.03, -75.57, 67.43
CIELCh	81, 101.278, 138.259
Yxy	58.5222, 0.2980, 0.5700
Android (android.graphics.Color)	4281067577 (0xFF2BE839)
YUV	155.5390, -48.5797, -98.6967
Hunter-Lab	76.4998, -62.4946, 43.0447

Details

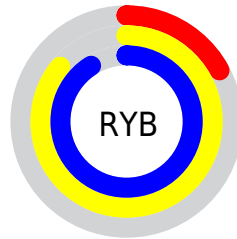
The Hex color **2BE839** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E82BDA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7CFF73**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **14E824**, and if you desaturate by 10%, it is **42E84E**.

Distribution



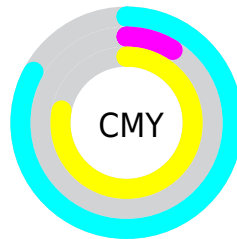
- Red (17%)
- Green (91%)
- Blue (22%)



- Red (17%)
- Yellow (86%)
- Blue (91%)



- Cyan (81%)
- Magenta (0%)
- Yellow (75%)
- Black (9%)



- Cyan (83%)
- Magenta (9%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BE839 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 2BE839 by changing the saturation by 10% instead.

 2BE839

 2BE839


FFFFFF

 00CB13

 7CFF73

 00AF00

 9DFF90

 009300

 BDFFAC

 007800

 DCFFC9

 005D00

 FCFE6

 004400

 002B00

 000700

 000000

 2BE839

 2BE839

 14E824

 42E84E

 00E811

 59E864

 71E879

 88E88F

 9FE8A4

 B6E8BA

 CDE8CF

 E5E8E5

 FCE8FA

Harmonies

Analogous

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



BBD600



2BE839



00F19F

Triad

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



2BE839



00DFFF



FF5D94

Complementary

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



2BE839



E82BDA

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.



FF5FF3



2BE839



5BC0FF

Square

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



2BE839



00EFFF



FF91FF



FF8B38

Rectangle

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



2BE839



00F3E2



FF91FF



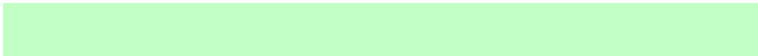
FF55B3

Sweetspot

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



2BE839



C2FFC6



DBE82B



5B805D



000000



808080

Same Dimension

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



2BE839



05FF18



2BE896



677368



00B30D



003304

Inverse Universe

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



E82BDA



FF05EC



E82B7D



736772



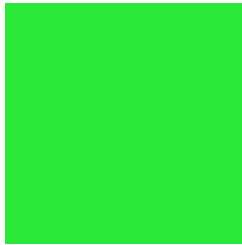
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 2BE839 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 2BE839 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 2BE839 Background



This preview shows how black text looks on a background with the Hex color 2BE839.

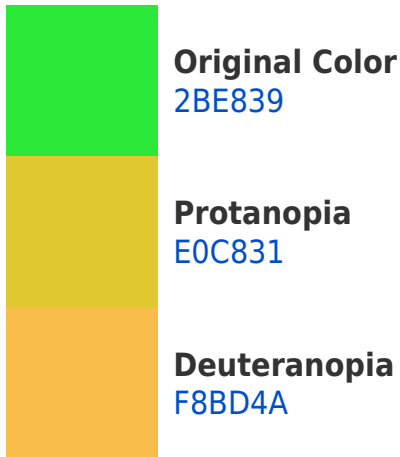


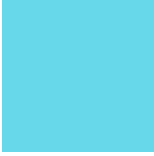
This preview shows how white text looks on a background with the Hex color 2BE839.

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](#).

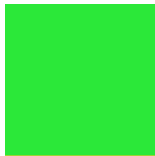
Dichromacy



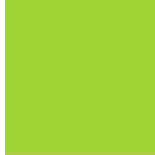


Tritanopia
67D8EA

Trichromacy



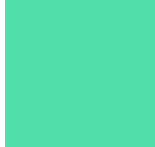
Original Color
2BE839



Protanomaly
9ED434



Deuteranomaly
ADCD44



Tritanomaly
51DEAA

Monochromacy



Original Color
2BE839



Achromatopsia
9C9C9C



Achromatomaly
73B878

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BE839 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 #2BE839 looks like.

```
.text, #text, p{  
    color:#2BE839  
}
```

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 #2BE839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BE839
}
```

Border

The CSS property to change the border of an element to Hex 2BE839 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
#2BE839 }
```

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

```
.border{ border-color:#2BE839 }
```

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

Here you see how a box with a 4 pixel #2BE839 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BE839; -webkit-box-shadow:4px 4px  
4px 4px #2BE839; box-shadow:4px 4px 4px  
4px #2BE839 }
```

Background

The CSS property to change the background color of an element to Hex 2BE839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BE839 }
```

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

```
.background{ background-color:#2BE839 }
```

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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