

Converting Colors

Hex(2BAE2B)

Have a look what the booklet for
Hex(2BAE2B) contains.

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Color

Hex(2BAE2B)

Conversions

Conversions Part 1

Format	Color
Hex	2BAE2B
RGB	43, 174, 43
RGB Percent	17%, 68%, 17%
CMY	0.8314, 0.3176, 0.8314
CMYK	0.75, 0.00, 0.75, 0.32
HSL	120°, 60%, 43%
HSV	120°, 75%, 68%
XYZ	16.5684, 30.9601, 7.3882
YIQ	119.8970, -36.0250, -68.5130

Conversions

Conversions Part 2

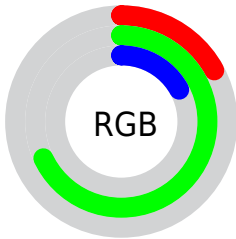
Format	Color
RYB	43, 174, 174
Decimal	2862635
CIELab	62.47, -58.94, 53.73
CIELCh	62, 79.753, 137.651
Yxy	30.9601, 0.3017, 0.5638
Android (android.graphics.Color)	4281052715 (0xFF2BAE2B)
YUV	119.8970, -37.9102, -67.4387
Hunter-Lab	55.6418, -44.2216, 31.0767

Details

The Hex color **2BAE2B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE2BAE**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6EE761**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **1AAE1A**, and if you desaturate by 10%, it is **3CAE3C**.

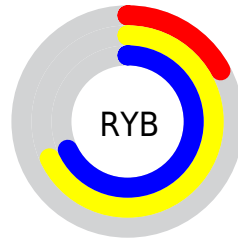
Distribution



Red (17%)

Green (68%)

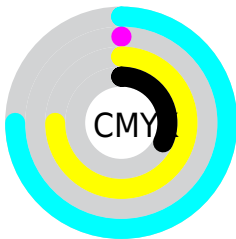
Blue (17%)



Red (17%)

Yellow (68%)

Blue (68%)

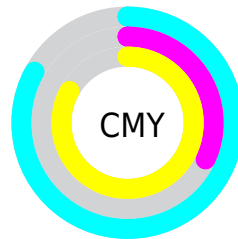


Cyan (75%)

Magenta (0%)

Yellow (75%)

Black (32%)



Cyan (83%)

Magenta (32%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BAE2B 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 2BAE2B by changing the saturation by 10% instead.

 2BAE2B

 2BAE2B


FFFFFF

 009306

 6EE761

 007800

 8CFF7C

 005E00

 AAFF98

 004500

 C8FFB4

 002E00

 E6FFD0

 001000

 FFFFED

 000000

 2BAE2B

 2BAE2B

 1AAE1A

 3CAE3C

08AE08

4EAE4E

00AE00

5FAE5F

71AE71

82AE82

93AE93

A5AEA5

B6AEB6

C8AEC8

Harmonies

Analogous

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



8FA000



2BAE2B



00B576

Triad

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



2BAE2B



00A8FF



FF4871

Complementary

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



2BAE2B



AE2BAE

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.



FF4BB7



2BAE2B



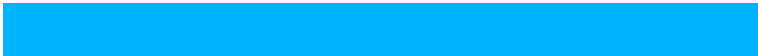
4491FF

Square

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



2BAE2B



00B3FF



CD6EF8



FD682D

Rectangle

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



2BAE2B



00B6A8



CD6EF8



FF4388

Sweetspot

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



2BAE2B



AFE3AF



AEAE2B



537353



F2F2F2



737373

Same Dimension

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



2BAE2B



17E317



2BAE6D



4E574E



009600



001700

Inverse Universe

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



AE2BAE



E317E3



AE2B6D



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 2BAE2B looks on a white background.

Color Contrast Check

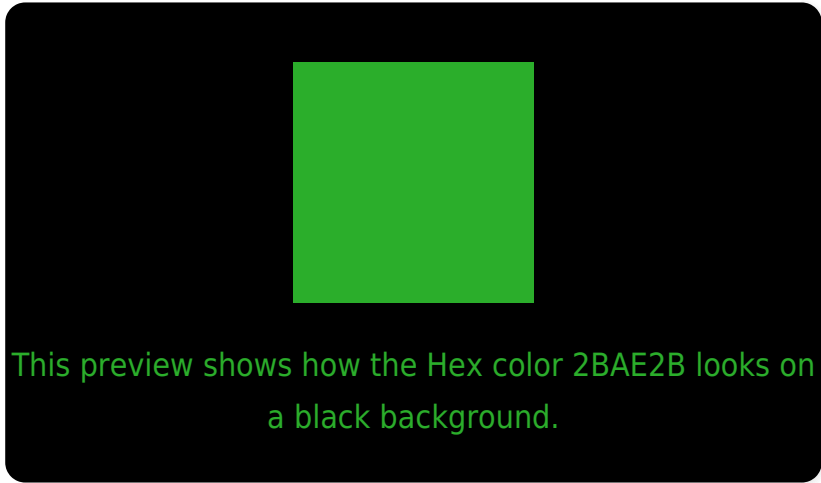
Large Text (above 18pt) WCAG AA × Fail

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 2BAE2B Background



This preview shows how black text looks on a background with the Hex color 2BAE2B.

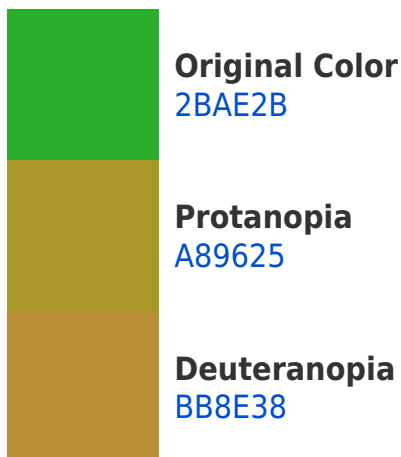


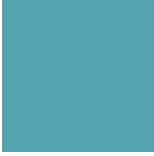
This preview shows how white text looks on a background with the Hex color 2BAE2B.

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
52A2AF

Trichromacy



Original Color
2BAE2B



Protanomaly
7B9F27



Deuteranomaly
879A33



Tritanomaly
44A67F

Monochromacy



Original Color
2BAE2B



Achromatopsia
787878



Achromatomaly
5C8C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BAE2B 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 #2BAE2B looks like.

```
.text, #text, p{  
    color:#2BAE2B  
}
```

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 #2BAE2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAE2B
}
```

Border

The CSS property to change the border of an element to Hex 2BAE2B 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
#2BAE2B }
```

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

```
.border{ border-color:#2BAE2B }
```

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

Here you see how a box with a 4 pixel #2BAE2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAE2B; -webkit-box-shadow:4px 4px  
4px 4px #2BAE2B; box-shadow:4px 4px 4px  
4px #2BAE2B }
```

Background

The CSS property to change the background color of an element to Hex 2BAE2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAE2B }
```

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

```
.background{ background-color:#2BAE2B }
```

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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