

Converting Colors

Hex(2BC318)

Have a look what the booklet for
Hex(2BC318) contains.

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Color

Hex(2BC318)

Conversions

Conversions Part 1

Format	Color
Hex	2BC318
RGB	43, 195, 24
RGB Percent	17%, 76%, 9%
CMY	0.8314, 0.2353, 0.9059
CMYK	0.78, 0.00, 0.88, 0.24
HSL	113°, 78%, 43%
HSV	113°, 88%, 76%
XYZ	20.6762, 39.6098, 7.4199
YIQ	130.0580, -35.7010, -85.4050

Conversions

Conversions Part 2

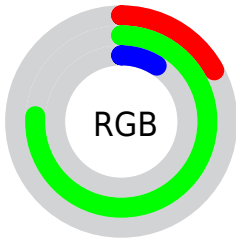
Format	Color
RYB	24, 195, 176
Decimal	2867992
CIELab	69.19, -66.49, 65.19
CIELCh	69, 93.117, 135.566
Yxy	39.6098, 0.3054, 0.5850
Android (android.graphics.Color)	4281058072 (0xFF2BC318)
YUV	130.0580, -52.2866, -76.3499
Hunter-Lab	62.9363, -51.4965, 37.0654

Details

The Hex color **2BC318** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **B018C3**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **74FD58**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **1AC305**, and if you desaturate by 10%, it is **3CC32B**.

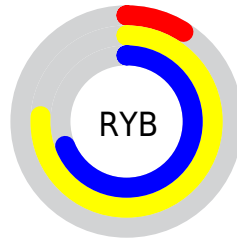
Distribution



Red (17%)

Green (76%)

Blue (9%)



Red (9%)

Yellow (76%)

Blue (69%)

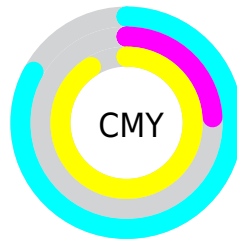


Cyan (78%)

Magenta (0%)

Yellow (88%)

Black (24%)



Cyan (83%)

Magenta (24%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC318 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 2BC318 by changing the saturation by 10% instead.

 2BC318

 2BC318

FFFFFF

 00A700

 74FD58

 008C00

 93FF74

 007100

 B2FF90

 005700

 D1FFAD

 003E00

 EFFF90

 002600

 FFFF74

 000000

 2BC318

 2BC318

 1AC305

 3CC32B

■ 16C300

■ 4EC33F

■ 5FC352

■ 70C366

■ 82C37A

■ 93C38D

■ A4C3A0

■ B6C3B4

■ C7C3C7

Harmonies

Analogous

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



A3B300



2BC318



00CB7C

Triad

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



2BC318



00BFFF



FF4081

Complementary

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



2BC318



B018C3

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.



FF49D5



2BC318



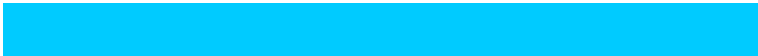
00A4FF

Square

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



2BC318



00CBFF



E17AFF



FF6C2F

Rectangle

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



2BC318



00CDB7



E17AFF



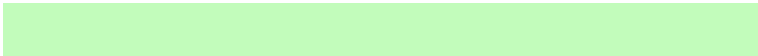
FF399D

Sweetspot

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



2BC318



C2FCBB



C3AF18



5C8058



000000



808080

Same Dimension

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



2BC318



1CFC00



18C35A



586157



12A100



042100

Inverse Universe

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



B018C3



E000FC



C31881



605761



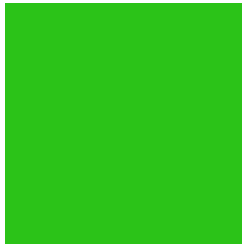
8F00A1



1D0021

Previews

White Background



This preview shows how the Hex color 2BC318 looks on a white background.

Color Contrast Check

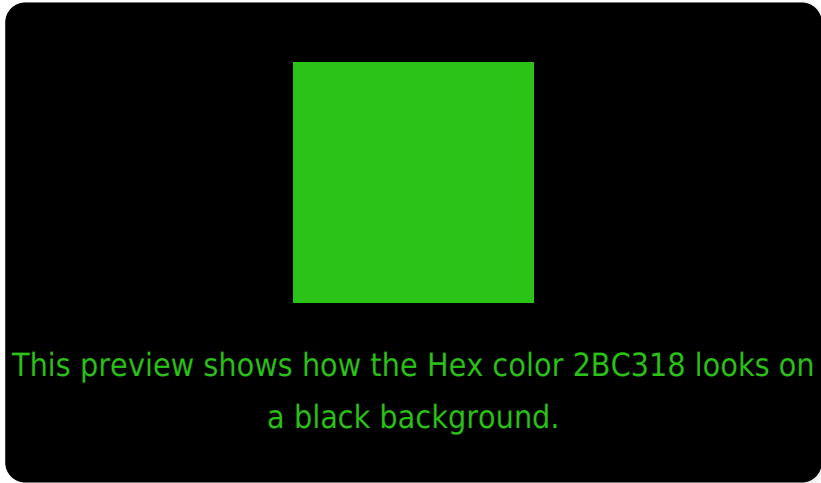
Large Text (above 18pt) WCAG AA × Fail

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 2BC318 Background



This preview shows how black text looks on a background with the Hex color 2BC318.

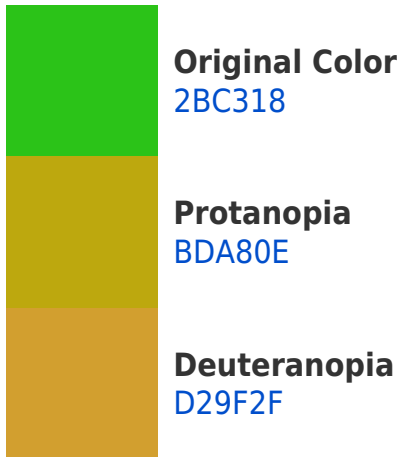


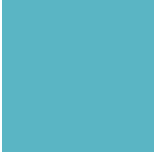
This preview shows how white text looks on a background with the Hex color 2BC318.

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
5AB5C4

Trichromacy



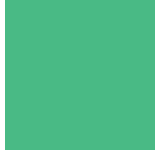
Original Color
2BC318



Protanomaly
88B212



Deuteranomaly
95AC27



Tritanomaly
49BA85

Monochromacy



Original Color
2BC318



Achromatopsia
828282



Achromatomaly
629A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC318 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 #2BC318 looks like.

```
.text, #text, p{  
    color:#2BC318  
}
```

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 #2BC318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC318
}
```

Border

The CSS property to change the border of an element to Hex 2BC318 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
#2BC318 }
```

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

```
.border{ border-color:#2BC318 }
```

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

Here you see how a box with a 4 pixel #2BC318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC318; -webkit-box-shadow:4px 4px  
4px 4px #2BC318; box-shadow:4px 4px 4px  
4px #2BC318 }
```

Background

The CSS property to change the background color of an element to Hex 2BC318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC318 }
```

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

```
.background{ background-color:#2BC318 }
```

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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