

Converting Colors

Hex(2EB319)

Have a look what the booklet for
Hex(2EB319) contains.

Hex(2EB319)	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(2EB319)

Conversions

Conversions Part 1

Format	Color
Hex	2EB319
RGB	46, 179, 25
RGB Percent	18%, 70%, 10%
CMY	0.8196, 0.2980, 0.9020
CMYK	0.74, 0.00, 0.86, 0.30
HSL	112°, 75%, 40%
HSV	112°, 86%, 70%
XYZ	17.4223, 32.8912, 6.3501
YIQ	121.6770, -29.8340, -76.0900

Conversions

Conversions Part 2

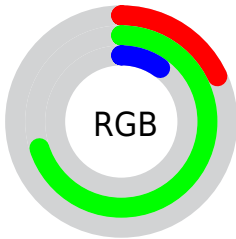
Format	Color
RYB	25, 179, 158
Decimal	3060505
CIELab	64.07, -61.11, 60.50
CIELCh	64, 85.993, 135.291
Yxy	32.8912, 0.3075, 0.5805
Android (android.graphics.Color)	4281250585 (0xFF2EB319)
YUV	121.6770, -47.6618, -66.3687
Hunter-Lab	57.3509, -46.1386, 33.5808

Details

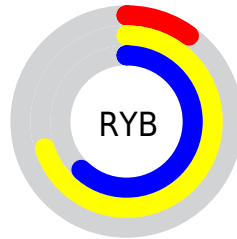
The Hex color **2EB319** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9E19B3**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **72EC56**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **1FB307**, and if you desaturate by 10%, it is **3DB32B**.

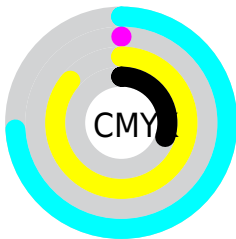
Distribution



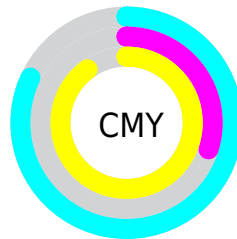
- Red (18%)
- Green (70%)
- Blue (10%)



- Red (10%)
- Yellow (70%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (86%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB319 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 2EB319 by changing the saturation by 10% instead.

 2EB319

 2EB319

FFFFFF

 009700

 72EC56

 007D00

 90FF71

 006300

 AEFF8D

 004900

 CCFFA9

 003300

 EBFFC6

 001700

 FFFFE2

 000000

 2EB319

 2EB319

 1FB307

 3DB32B

 18B300

 4DB33D

 5CB34F

 6CB361

 7BB372

 8BB384

 9AB396

 AAB3A8

 B9B3BA

Harmonies

Analogous

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



97A400



2EB319



00BA71

Triad

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



2EB319



00AFFF



FF3E78

Complementary

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



2EB319



9E19B3

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.



FF46C4



2EB319



0097FF

Square

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



2EB319



00BAFF



CE72FF



FF642D

Rectangle

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



2EB319



00BCA7



CE72FF



FF3991

Sweetspot

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



2EB319



B4E8AC



B39C19



567551



F5F5F5



757575

Same Dimension

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



2EB319



20E800



19B34F



525950



159900



031A00

Inverse Universe

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



9E19B3



C800E8



B3197D



585059



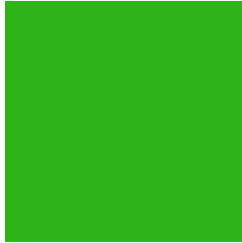
840099



16001A

Previews

White Background



This preview shows how the Hex color 2EB319 looks on a white background.

Color Contrast Check

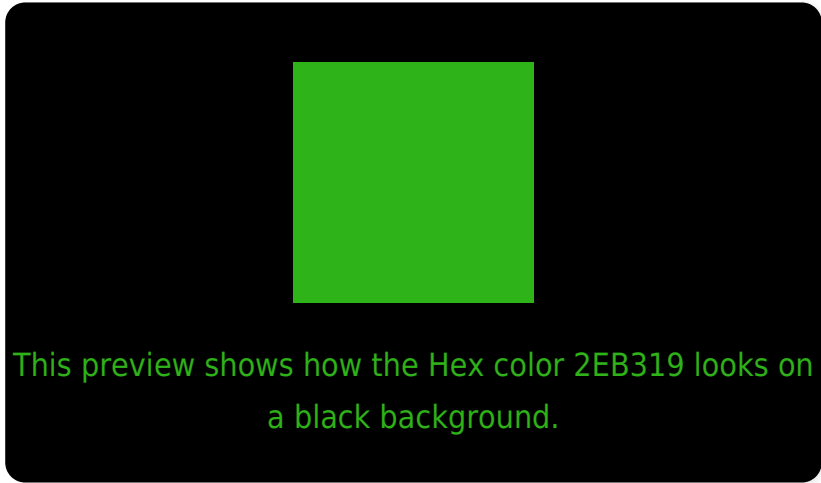
Large Text (above 18pt) WCAG AA × Fail

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 2EB319 Background



This preview shows how black text looks on a background with the Hex color 2EB319.

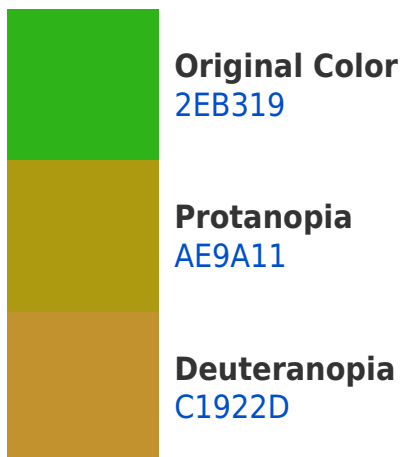


This preview shows how white text looks on a background with the Hex color 2EB319.

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
56A7B4

Trichromacy



Original Color
2EB319



Protanomaly
7FA314



Deuteranomaly
8C9E26



Tritanomaly
47AB7C

Monochromacy



Original Color
2EB319



Achromatopsia
7A7A7A



Achromatomaly
5E8F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB319 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 #2EB319 looks like.

```
.text, #text, p{  
    color:#2EB319  
}
```

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 #2EB319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB319
}
```

Border

The CSS property to change the border of an element to Hex 2EB319 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
#2EB319 }
```

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

```
.border{ border-color:#2EB319 }
```

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

Here you see how a box with a 4 pixel #2EB319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB319; -webkit-box-shadow:4px 4px  
4px 4px #2EB319; box-shadow:4px 4px 4px  
4px #2EB319 }
```

Background

The CSS property to change the background color of an element to Hex 2EB319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB319 }
```

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

```
.background{ background-color:#2EB319 }
```

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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