

Converting Colors

Hex(2EB700)

Have a look what the booklet for
Hex(2EB700) contains.

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Color

Hex(2EB700)

Conversions

Conversions Part 1

Format	Color
Hex	2EB700
RGB	46, 183, 0
RGB Percent	18%, 72%, 0%
CMY	0.8196, 0.2824, 1.0000
CMYK	0.75, 0.00, 1.00, 0.28
HSL	105°, 100%, 36%
HSV	105°, 100%, 72%
XYZ	18.0602, 34.4478, 5.6972
YIQ	121.1750, -22.9090, -85.9570

Conversions

Conversions Part 2

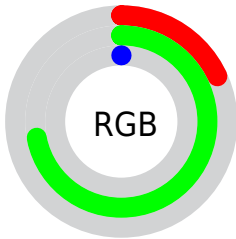
Format	Color
RYB	0, 183, 137
Decimal	3061504
CIELab	65.32, -63.05, 65.40
CIELCh	65, 90.840, 133.954
Yxy	34.4478, 0.3103, 0.5918
Android (android.graphics.Color)	4281251584 (0xFF2EB700)
YUV	121.1750, -59.7393, -65.9285
Hunter-Lab	58.6923, -47.7852, 35.3293

Details

The Hex color **2EB700** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **8900B7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **73F04D**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **2EB700**, and if you desaturate by 10%, it is **3CB712**.

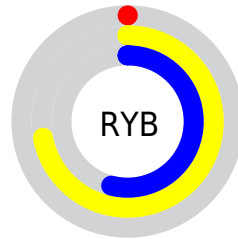
Distribution



Red (18%)

Green (72%)

Blue (0%)



Red (0%)

Yellow (72%)

Blue (54%)

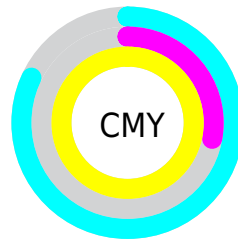


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (82%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB700 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 2EB700 by changing the saturation by 10% instead.

 2EB700

 2EB700

FFFFFF

 009B00

 73F04D

 008000

 92FF69

 006600

 B0FF85

 004D00

 CFFFA1

 003500

 EDFFBE

 001B00

 FFFFDB

 000000

 FFFFF9

 2EB700

 3CB712

 49B725

 57B737

 65B749

 72B75C

 80B76E

 8EB780

 9CB792

 A9B7A5

Harmonies

Analogous

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



9DA700



2EB700



00BF6E

Triad

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



2EB700



00B4FF



FF337D

Complementary

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



2EB700



8900B7

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.



FF41CE



2EB700



009CFF

Square

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



2EB700



00BFFF



CF74FF



FF612D

Rectangle

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



2EB700



00C1A8



CF74FF



FF2E98

Sweetspot

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



2EB700



B8EDA6



B78600



58784D



F7F7F7



787878

Same Dimension

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



2EB700



3CED00



00B72B



555C53



279C00



071C00

Inverse Universe

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



8900B7



B200ED



B7008C



59535C



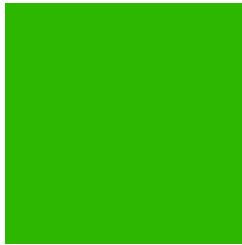
74009C



15001C

Previews

White Background



This preview shows how the Hex color 2EB700 looks on a white background.

Color Contrast Check

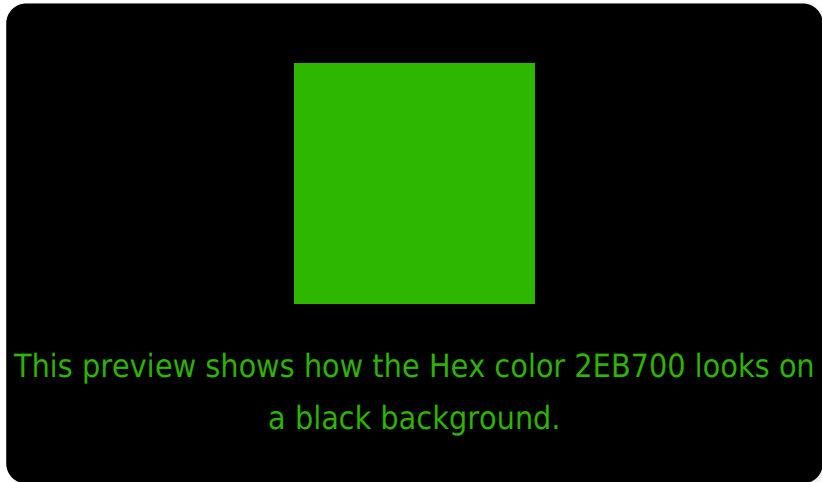
Large Text (above 18pt) WCAG AA × Fail

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 2EB700 Background



This preview shows how black text looks on a background with the Hex color 2EB700.

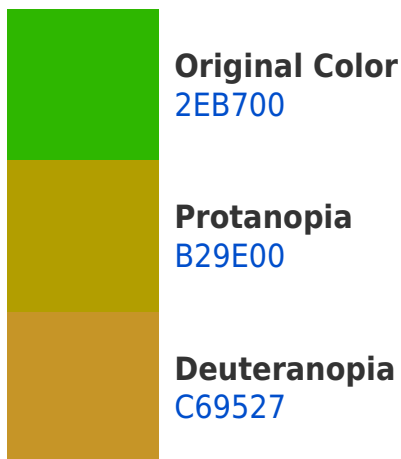


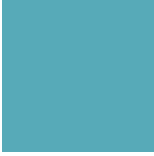
This preview shows how white text looks on a background with the Hex color 2EB700.

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](#).

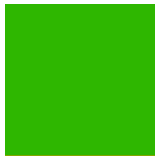
Dichromacy





Tritanopia
57AAB8

Trichromacy



Original Color
2EB700



Protanomaly
82A700



Deuteranomaly
8FA119



Tritanomaly
48AF75

Monochromacy



Original Color
2EB700



Achromatopsia
797979



Achromatomaly
5E904D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB700 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 #2EB700 looks like.

```
.text, #text, p{  
    color:#2EB700  
}
```

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 #2EB700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB700
}
```

Border

The CSS property to change the border of an element to Hex 2EB700 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
#2EB700 }
```

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

```
.border{ border-color:#2EB700 }
```

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

Here you see how a box with a 4 pixel #2EB700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB700; -webkit-box-shadow:4px 4px  
4px 4px #2EB700; box-shadow:4px 4px 4px  
4px #2EB700 }
```

Background

The CSS property to change the background color of an element to Hex 2EB700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB700 }
```

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

```
.background{ background-color:#2EB700 }
```

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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