

Converting Colors

Hex(2EB53E)

Have a look what the booklet for
Hex(2EB53E) contains.

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Color

Hex(2EB53E)

Conversions

Conversions Part 1

Format	Color
Hex	2EB53E
RGB	46, 181, 62
RGB Percent	18%, 71%, 24%
CMY	0.8196, 0.2902, 0.7569
CMYK	0.75, 0.00, 0.66, 0.29
HSL	127°, 59%, 45%
HSV	127°, 75%, 71%
XYZ	18.5201, 33.9764, 10.1394
YIQ	127.0690, -42.2610, -65.6290

Conversions

Conversions Part 2

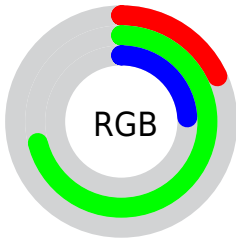
Format	Color
RYB	46, 167, 181
Decimal	3061054
CIELab	64.94, -59.02, 48.91
CIELCh	65, 76.653, 140.356
Yxy	33.9764, 0.2957, 0.5424
Android (android.graphics.Color)	4281251134 (0xFF2EB53E)
YUV	127.0690, -32.0790, -71.0975
Hunter-Lab	58.2893, -45.2919, 30.4890

Details

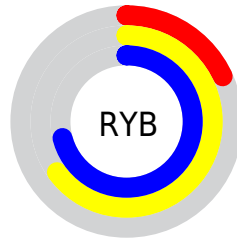
The Hex color **2EB53E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B52EA5**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **71EE73**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **1CB52E**, and if you desaturate by 10%, it is **40B54E**.

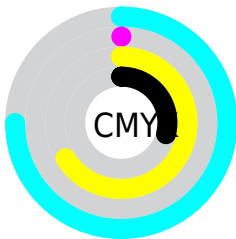
Distribution



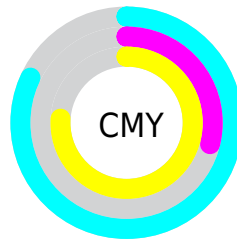
- Red (18%)
- Green (71%)
- Blue (24%)



- Red (18%)
- Yellow (65%)
- Blue (71%)



- Cyan (75%)
- Magenta (0%)
- Yellow (66%)
- Black (29%)



- Cyan (82%)
- Magenta (29%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB53E 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 2EB53E by changing the saturation by 10% instead.

 2EB53E

 2EB53E

FFFFFF

 009923

 71EE73

 007F00

 8FFF8D

 006400

 ADFFA9

 004B00

 CBFFC5

 003400

 E9FFE1

 001A00

 000000

 2EB53E

 2EB53E

 1CB52E

 40B54E

 0AB51E

 52B55E

 00B515

 64B56E

 76B57E

 89B58E

 9BB59E

 ADB5AE

 BFB5BE

 D1B5CE

Harmonies

Analogous

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



91A800



2EB53E



00BB84

Triad

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



2EB53E



00ACFF



FF5872

Complementary

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



2EB53E



B52EA5

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.



FF56B7



2EB53E



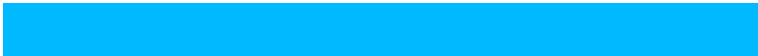
6995FF

Square

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



2EB53E



00B9FF



D974F6



FE7532

Rectangle

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



2EB53E



00BDB4



D974F6



FF5389

Sweetspot

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



2EB53E



B7EBBD



A5B52E



57755A



F5F5F5



757575

Same Dimension

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



2EB53E



17EB30



2EB581



505951



009912



001A03

Inverse Universe

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



B52EA5



EB17D2



B52E62



595058



990087



1A0016

Previews

White Background



This preview shows how the Hex color 2EB53E looks on a white background.

Color Contrast Check

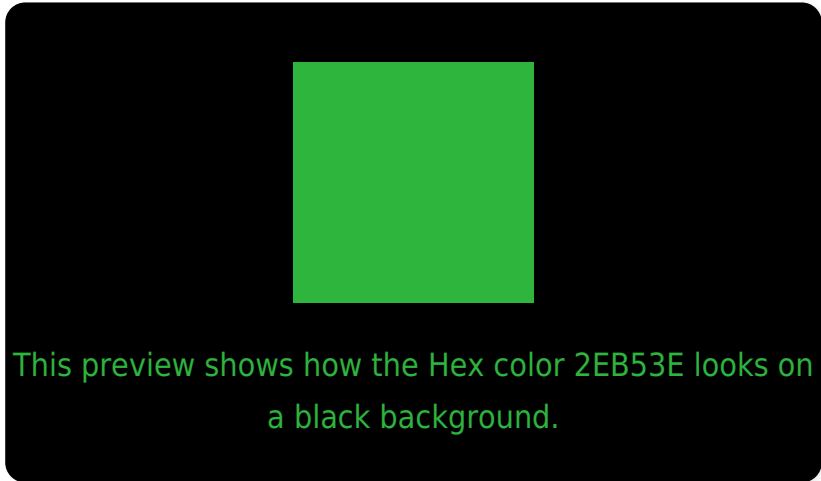
Large Text (above 18pt) WCAG AA × Fail

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 2EB53E Background



This preview shows how black text looks on a background with the Hex color 2EB53E.

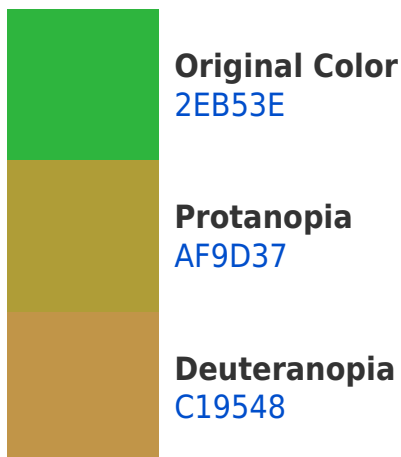


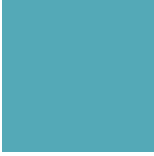
This preview shows how white text looks on a background with the Hex color 2EB53E.

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
54A9B7

Trichromacy



Original Color
2EB53E



Protanomaly
80A63A



Deuteranomaly
8CA144



Tritanomaly
46AD8B

Monochromacy



Original Color
2EB53E



Achromatopsia
7F7F7F



Achromatomaly
629367

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB53E 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 #2EB53E looks like.

```
.text, #text, p{  
    color:#2EB53E  
}
```

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 #2EB53E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB53E
}
```

Border

The CSS property to change the border of an element to Hex 2EB53E 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
#2EB53E }
```

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

```
.border{ border-color:#2EB53E }
```

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

Here you see how a box with a 4 pixel #2EB53E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB53E; -webkit-box-shadow:4px 4px  
4px 4px #2EB53E; box-shadow:4px 4px 4px  
4px #2EB53E }
```

Background

The CSS property to change the background color of an element to Hex 2EB53E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB53E }
```

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

```
.background{ background-color:#2EB53E }
```

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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