

Converting Colors

Hex(2EAB38)

Have a look what the booklet for
Hex(2EAB38) contains.

Hex(2EAB38)	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(2EAB38)

Conversions

Conversions Part 1

Format	Color
Hex	2EAB38
RGB	46, 171, 56
RGB Percent	18%, 67%, 22%
CMY	0.8196, 0.3294, 0.7804
CMYK	0.73, 0.00, 0.67, 0.33
HSL	125°, 58%, 43%
HSV	125°, 73%, 67%
XYZ	16.4034, 29.9922, 8.6659
YIQ	120.5150, -37.5850, -62.2650

Conversions

Conversions Part 2

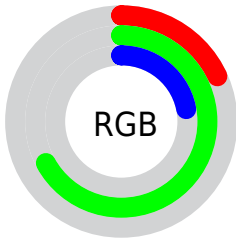
Format	Color
RYB	46, 162, 171
Decimal	3058488
CIELab	61.65, -56.31, 47.85
CIELCh	62, 73.891, 139.646
Yxy	29.9922, 0.2979, 0.5447
Android (android.graphics.Color)	4281248568 (0xFF2EAB38)
YUV	120.5150, -31.8059, -65.3497
Hunter-Lab	54.7651, -42.3740, 28.9537

Details

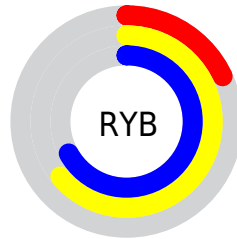
The Hex color **2EAB38** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB2EA1**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6FE36C**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **1DAB28**, and if you desaturate by 10%, it is **3FAB48**.

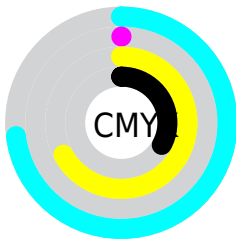
Distribution



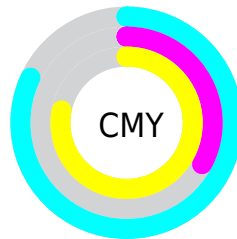
- Red (18%)
- Green (67%)
- Blue (22%)



- Red (18%)
- Yellow (64%)
- Blue (67%)



- Cyan (73%)
- Magenta (0%)
- Yellow (67%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EAB38 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 2EAB38 by changing the saturation by 10% instead.

 2EAB38

 2EAB38


FFFFFF

 00901C

 6FE36C

 007500

 8CFF87

 005B00

 AAFFA2

 004300

 C7FFBE

 002C00

 E5FFDA

 000B00

 FFFFF7

 000000

 2EAB38

 2EAB38

 1DAB28

 3FAB48

 0CAB19

 50AB57

 00AB0E

 61AB67

 72AB77

 84AB87

 95AB96

 A6ABA6

 B7ABB6

 C8ABC6

Harmonies

Analogous

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



8A9F00



2EAB38



00B17B

Triad

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



2EAB38



00A3FF



FF516D

Complementary

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



2EAB38



AB2EA1

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.



FE51AE



2EAB38



5E8DFF

Square

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



2EAB38



00AFF8



CC6EEB



F26D30

Rectangle

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



2EAB38



00B3A9



CC6EEB



FF4D83

Sweetspot

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



2EAB38



ADDEB1



A3AB2E



537055



F0F0F0



707070

Same Dimension

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



2EAB38



1BDE2A



2EAB75



4E574F



00960C



001702

Inverse Universe

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



AB2EA1



DE1BCE



AB2E64



574E56



96008A



170015

Previews

White Background



This preview shows how the Hex color 2EAB38 looks on a white background.

Color Contrast Check

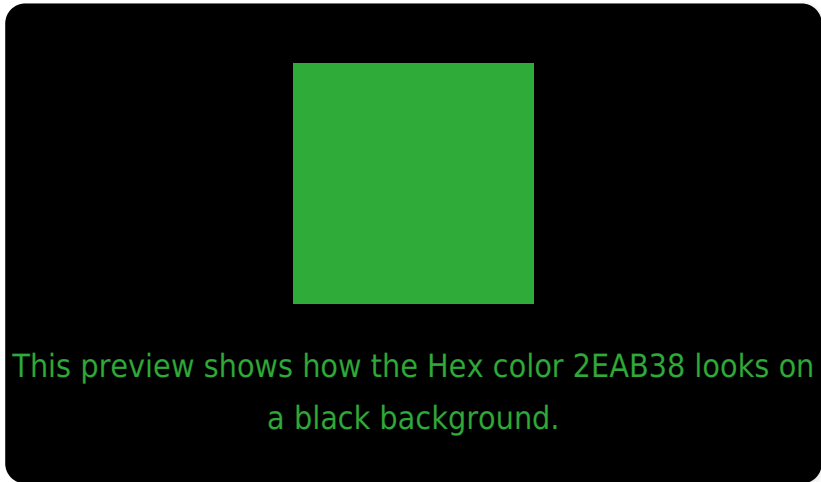
Large Text (above 18pt) WCAG AA ✓ Pass

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

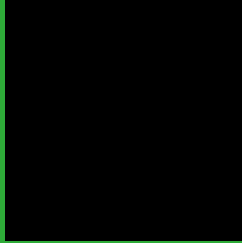
Any Text WCAG AA ✓ Pass

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 2EAB38 Background



This preview shows how black text looks on a background with the Hex color 2EAB38.

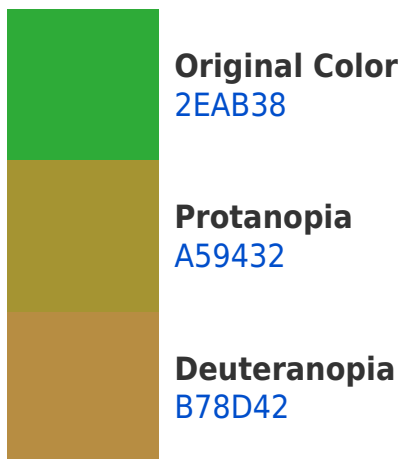


This preview shows how white text looks on a background with the Hex color 2EAB38.

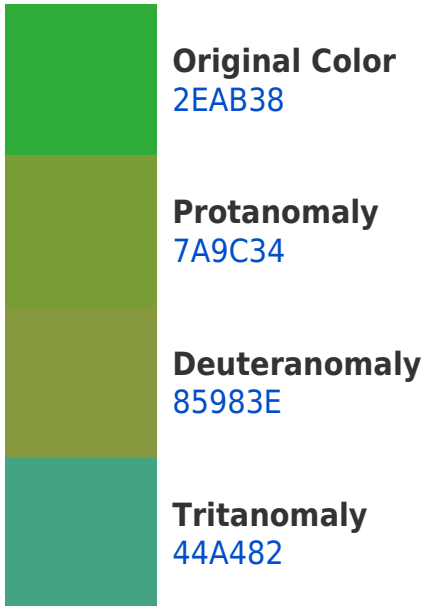
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2EAB38 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 #2EAB38 looks like.

```
.text, #text, p{  
    color:#2EAB38  
}
```

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 #2EAB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EAB38
}
```

Border

The CSS property to change the border of an element to Hex 2EAB38 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
#2EAB38 }
```

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

```
.border{ border-color:#2EAB38 }
```

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

Here you see how a box with a 4 pixel #2EAB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EAB38; -webkit-box-shadow:4px 4px  
4px 4px #2EAB38; box-shadow:4px 4px 4px  
4px #2EAB38 }
```

Background

The CSS property to change the background color of an element to Hex 2EAB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EAB38 }
```

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

```
.background{ background-color:#2EAB38 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor