

# Converting Colors

Hex(2DA13E)

Have a look what the booklet for  
Hex(2DA13E) contains.

|  |    |
|--|----|
| <b>Hex(2DA13E)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(2DA13E)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2DA13E                       |
| RGB         | 45, 161, 62                  |
| RGB Percent | 18%, 63%, 24%                |
| CMY         | 0.8235, 0.3686, 0.7569       |
| CMYK        | 0.72, 0.00, 0.61, 0.37       |
| HSL         | 129°, 56%, 40%               |
| HSV         | 129°, 72%, 63%               |
| XYZ         | 14.6966, 26.3954, 8.8777     |
| YIQ         | 115.0300, -37.3570, -55.3810 |

# Conversions

## Conversions Part 2

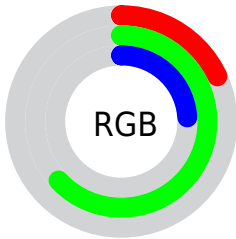
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 45, 146, 161                    |
| Decimal                             | 2990398                         |
| CIELab                              | 58.41, -52.37, 41.57            |
| CIELCh                              | 58, 66.861, 141.558             |
| Yxy                                 | 26.3954, 0.2941,<br>0.5282      |
| Android<br>(android.graphics.Color) | 4281180478<br>(0xFF2DA13E)      |
| YUV                                 | 115.0300, -26.1438,<br>-61.4163 |
| Hunter-Lab                          | 51.3765, -38.8478,<br>25.7184   |

# Details

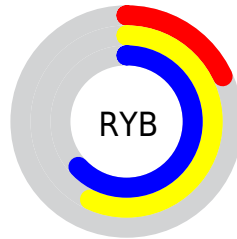
The Hex color **2DA13E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A12D90**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6CD971**, and **006C07** is the 20% darker color. If you saturate the color by 10%, you get **1DA130**, and if you desaturate by 10%, it is **3DA14C**.

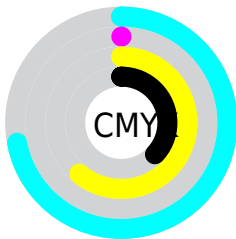
# Distribution



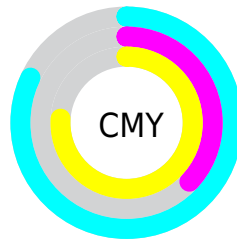
- Red (18%)
- Green (63%)
- Blue (24%)



- Red (18%)
- Yellow (57%)
- Blue (63%)



- Cyan (72%)
- Magenta (0%)
- Yellow (61%)
- Black (37%)



- Cyan (82%)
- Magenta (37%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DA13E 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 2DA13E by changing the saturation by 10% instead.



 2DA13E

 2DA13E

FFFFFF

 008625

 6CD971

 006C07

 89F68B

 005300

 A6FFA6

 003A00

 C3FFC2

 002400

 E0FFDE

 000000

 FEFFFF

 2DA13E

 2DA13E

 1DA130

 3DA14C

0DA123

4DA159

00A118

5DA167

6DA175

7EA183

8EA190

9EA19E

AEA1AC

BEA1BA

# Harmonies

## Analogous

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



809600



2DA13E



00A679

# Triad

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



2DA13E



0098FF



F45465

# Complementary

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



2DA13E



A12D90

# 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.



EC52A0



2DA13E



6884FA

# Square

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



2DA13E



00A3E8



C269D6



DF6B30

# Rectangle

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



2DA13E



00A7A2



C269D6



F54F78



# Sweetspot

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



2DA13E



A3D1AA



92A12D



4D6951



E8E8E8



696969



# Same Dimension

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



2DA13E



1DD138



2DA176



49524B



009115



001203



# Inverse Universe

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



A12D90



D11DB7



A12D58



524950



91007C



12000F



# Previews

## White Background



This preview shows how the Hex color 2DA13E looks on a white background.

## Color Contrast Check

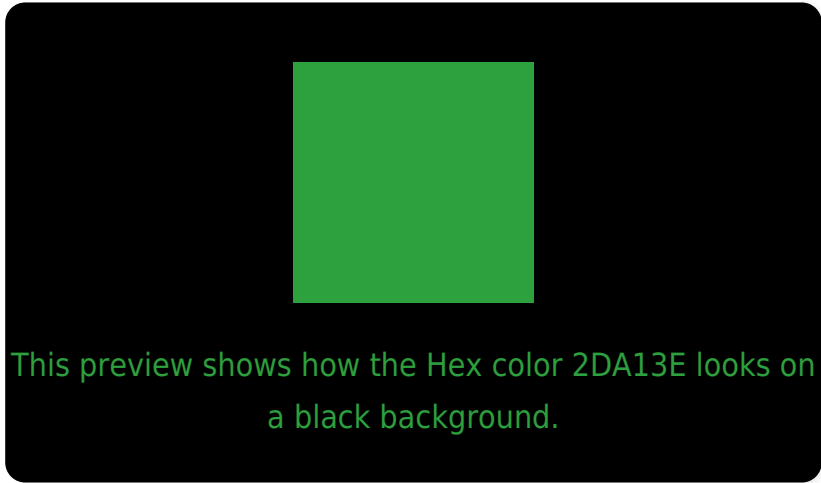
Large Text (above 18pt) WCAG AA ✓ Pass

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

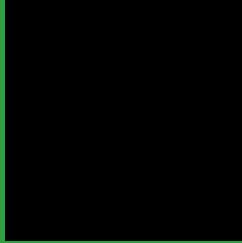
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DA13E Background



This preview shows how black text looks on a background with the Hex color 2DA13E.

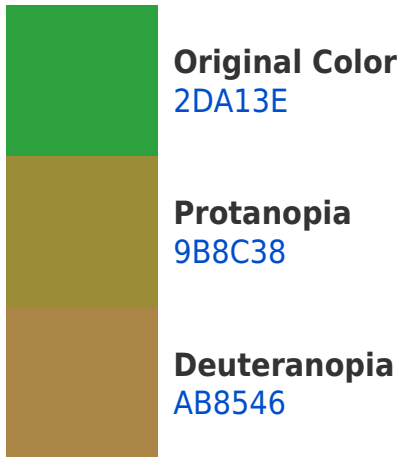


This preview shows how white text looks on a background with the Hex color 2DA13E.

# 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**  
4C97A3

# Trichromacy



**Original Color**  
2DA13E



**Protanomaly**  
73943A



**Deuteranomaly**  
7D8F43



**Tritanomaly**  
419B7E

# Monochromacy



**Original Color**  
2DA13E



**Achromatopsia**  
737373



**Achromatomaly**  
5A8460

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DA13E 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 #2DA13E looks like.

```
.text, #text, p{  
    color:#2DA13E  
}
```

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 #2DA13E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA13E
}
```

## Border

The CSS property to change the border of an element to Hex 2DA13E 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
#2DA13E }
```

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

```
.border{ border-color:#2DA13E }
```

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

Here you see how a box with a 4 pixel #2DA13E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA13E; -webkit-box-shadow:4px 4px  
4px 4px #2DA13E; box-shadow:4px 4px 4px  
4px #2DA13E }
```

# Background

The CSS property to change the background color of an element to Hex 2DA13E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA13E }
```

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

```
.background{ background-color:#2DA13E }
```

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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