

# Converting Colors

Hex(2EA65F)

Have a look what the booklet for  
Hex(2EA65F) contains.

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# Color

Hex(2EA65F)

# Conversions

## Conversions Part 1

Format	Color
Hex	2EA65F
RGB	46, 166, 95
RGB Percent	18%, 65%, 37%
CMY	0.8196, 0.3490, 0.6275
CMYK	0.72, 0.00, 0.43, 0.35
HSL	144°, 57%, 42%
HSV	144°, 72%, 65%
XYZ	16.8285, 28.6795, 15.4752
YIQ	122.0260, -48.7290, -47.5210

# Conversions

## Conversions Part 2

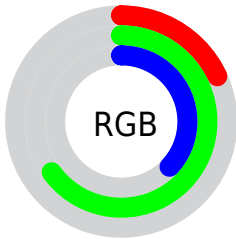
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 131, 166
Decimal	3057247
CIELab	60.50, -48.97, 27.52
CIELCh	60, 56.172, 150.665
Yxy	28.6795, 0.2760, 0.4703
Android (android.graphics.Color)	4281247327 (0xFF2EA65F)
YUV	122.0260, -13.3238, -66.6748
Hunter-Lab	53.5532, -37.6266, 20.3543

# Details

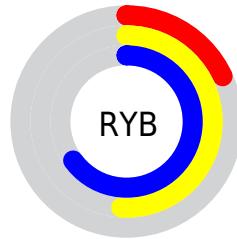
The Hex color **2EA65F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A62E75**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6CDE92**, and **00712F** is the 20% darker color. If you saturate the color by 10%, you get **1DA655**, and if you desaturate by 10%, it is **3FA669**.

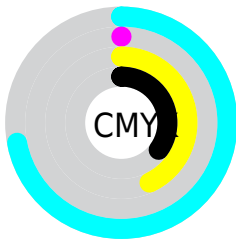
# Distribution



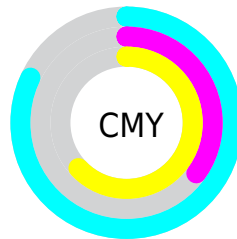
- Red (18%)
- Green (65%)
- Blue (37%)



- Red (18%)
- Yellow (51%)
- Blue (65%)



- Cyan (72%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)



- Cyan (82%)
- Magenta (35%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EA65F 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 2EA65F by changing the saturation by 10% instead.





2EA65F



2EA65F

FFFFFF



008B47



6CDE92



00712F



89FBAD



005718



A6FFC9



003F00



C3FFE5



002900



E1FFFF



000300



000000



2EA65F



2EA65F



1DA655



3FA669

0DA64B

4FA673

00A644

60A67C

70A686

81A690

92A69A

A2A6A4

B3A6AE

C3A6B7

# Harmonies

## Analogous

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



799E36



2EA65F



00AA91

# Triad

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



2EA65F



0097F5



E96B62

# Complementary

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



2EA65F



A62E75

# 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.



EA6493



2EA65F



9484E7

# Square

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



2EA65F



00A3E8



CF70C3



D27D3A

# Rectangle

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



2EA65F



00AAB3



CF70C3



EC6772



# Sweetspot

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



2EA65F



A9D9BD



76A62E



516E5D



EDEDED



6E6E6E



# Same Dimension

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



2EA65F



1CD969



2EA69A



4C544F



00943C



001408



# Inverse Universe

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



A62E75



D91C8C



A62E3A



544C51



940058



14000C



# Previews

## White Background



This preview shows how the Hex color 2EA65F looks on a white background.

## Color Contrast Check

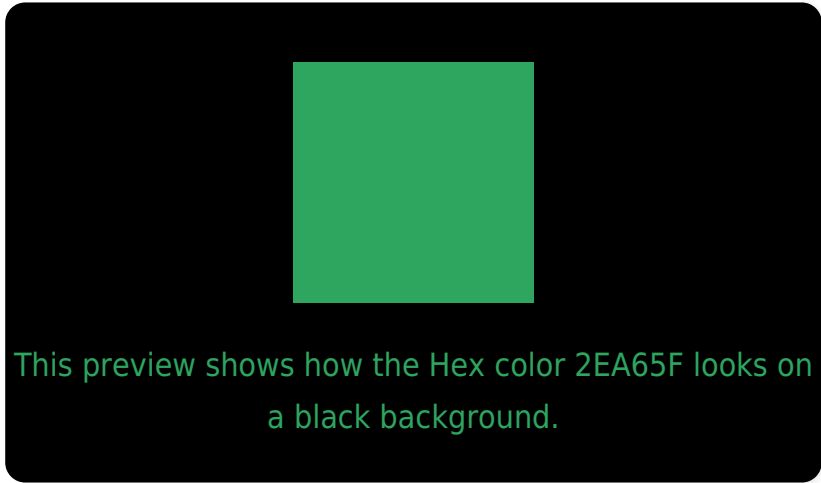
Large Text (above 18pt) WCAG AA ✓ Pass

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

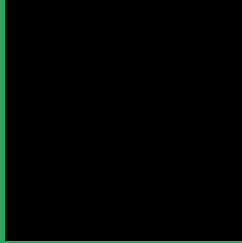
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2EA65F Background



This preview shows how black text looks on a background with the Hex color 2EA65F.



This preview shows how white text looks on a background with the Hex color 2EA65F.

# 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**  
4A9DAA

# Trichromacy



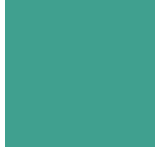
**Original Color**  
2EA65F



**Protanomaly**  
75995A



**Deuteranomaly**  
7E9563



**Tritanomaly**  
40A08F

# Monochromacy



**Original Color**  
2EA65F



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
5E8A70

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EA65F 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 #2EA65F looks like.

```
.text, #text, p{  
    color:#2EA65F  
}
```

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 #2EA65F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EA65F
}
```

## Border

The CSS property to change the border of an element to Hex 2EA65F 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
#2EA65F }
```

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

```
.border{ border-color:#2EA65F }
```

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

Here you see how a box with a 4 pixel #2EA65F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EA65F; -webkit-box-shadow:4px 4px  
4px 4px #2EA65F; box-shadow:4px 4px 4px  
4px #2EA65F }
```

# Background

The CSS property to change the background color of an element to Hex 2EA65F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EA65F }
```

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

```
.background{ background-color:#2EA65F }
```

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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