

# Converting Colors

Hex(3EA64C)

Have a look what the booklet for  
Hex(3EA64C) contains.

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# Color

Hex(3EA64C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3EA64C
RGB	62, 166, 76
RGB Percent	24%, 65%, 30%
CMY	0.7569, 0.3490, 0.7020
CMYK	0.63, 0.00, 0.54, 0.35
HSL	128°, 46%, 45%
HSV	128°, 63%, 65%
XYZ	16.9273, 28.8184, 11.5078
YIQ	124.6440, -33.0940, -50.0380

# Conversions

## Conversions Part 2

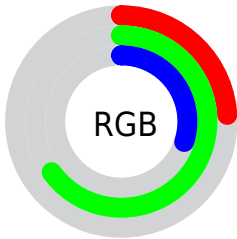
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 154, 166
Decimal	4105804
CIELab	60.62, -48.95, 37.55
CIElCh	61, 61.692, 142.513
Yxy	28.8184, 0.2957, 0.5033
Android (android.graphics.Color)	4282295884 (0xFF3EA64C)
YUV	124.6440, -23.9815, -54.9388
Hunter-Lab	53.6827, -37.6599, 24.8681

# Details

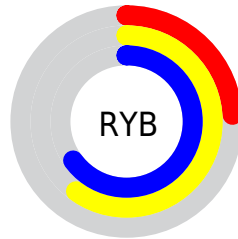
The Hex color **3EA64C** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A63E98**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78DE7F**, and **00711A** is the 20% darker color. If you saturate the color by 10%, you get **2DA63E**, and if you desaturate by 10%, it is **4FA65A**.

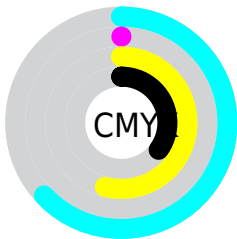
# Distribution



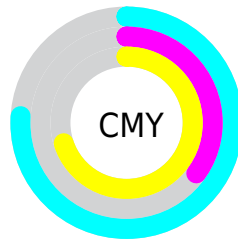
- Red (24%)
- Green (65%)
- Blue (30%)



- Red (24%)
- Yellow (60%)
- Blue (65%)



- Cyan (63%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (76%)
- Magenta (35%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EA64C 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 3EA64C by changing the saturation by 10% instead.



 3EA64C

 3EA64C

FFFFFF

 1A8B33

 78DE7F

 00711A

 95FB9A

 005700

 B2FFB5

 003F00

 CFFFD1

 002A00

 ECF FED

 000400

 000000

 3EA64C

 3EA64C

 2DA63E

 4FA65A

 1DA62F

 5FA669

 0CA621

 70A677

 00A616

 80A685

 91A694

 A2A6A2

 B2A6B1

 C3A6BF

 D3A6CD

# Harmonies

## Analogous

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



869C20



3EA64C



00AB82

# Triad

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



3EA64C



009DFE



F4616C

# Complementary

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



3EA64C



A63E98

# 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.



ED5FA2



3EA64C



798AF7

# Square

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



3EA64C



00A8E8



C771D5



E0753C

# Rectangle

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



3EA64C



00ACA8



C771D5



F55E7E



# Sweetspot

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



3EA64C



B0D9B5



98A63E



546E58



EDEDED



6E6E6E



# Same Dimension

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



3EA64C



36D94C



3EA680



4C544D



009414



001403



# Inverse Universe

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



A63E98



D936C3



A63E64



544C53



940080



140012



# Previews

## White Background



This preview shows how the Hex color 3EA64C looks on a white background.

## Color Contrast Check

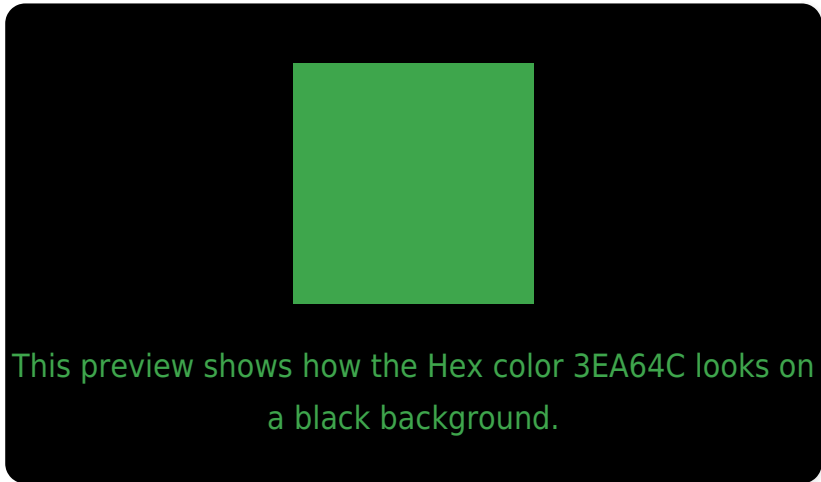
Large Text (above 18pt) WCAG AA ✓ Pass

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

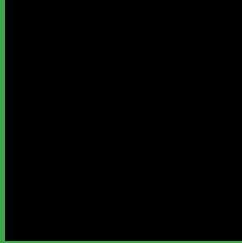
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3EA64C Background



This preview shows how black text looks on a background with the Hex color 3EA64C.



This preview shows how white text looks on a background with the Hex color 3EA64C.

# 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



**Original Color**  
3EA64C

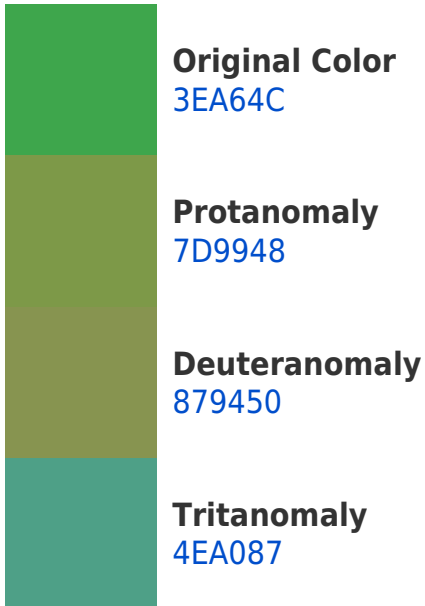
**Protanopia**  
A19145

**Deuteranopia**  
B18A53

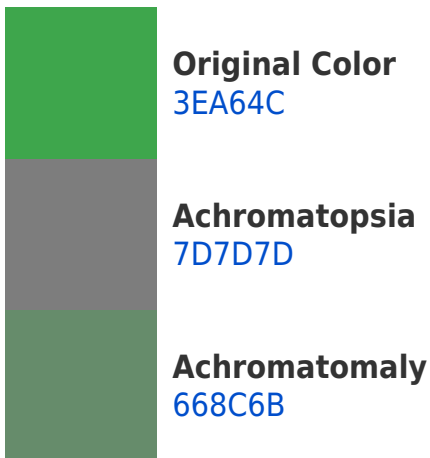


**Tritanopia**  
579CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EA64C 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 #3EA64C looks like.

```
.text, #text, p{  
    color:#3EA64C  
}
```

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 #3EA64C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA64C
}
```

## Border

The CSS property to change the border of an element to Hex 3EA64C 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
#3EA64C }
```

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

```
.border{ border-color:#3EA64C }
```

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

Here you see how a box with a 4 pixel #3EA64C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA64C; -webkit-box-shadow:4px 4px  
4px 4px #3EA64C; box-shadow:4px 4px 4px  
4px #3EA64C }
```

# Background

The CSS property to change the background color of an element to Hex 3EA64C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA64C }
```

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

```
.background{ background-color:#3EA64C }
```

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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