

# Converting Colors

Hex(3EAA68)

Have a look what the booklet for  
Hex(3EAA68) contains.

<b>Hex(3EAA68)</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(3EAA68)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EAA68
RGB	62, 170, 104
RGB Percent	24%, 67%, 41%
CMY	0.7569, 0.3333, 0.5922
CMYK	0.64, 0.00, 0.39, 0.33
HSL	143°, 47%, 45%
HSV	143°, 64%, 67%
XYZ	18.8600, 30.7731, 18.0425
YIQ	130.1840, -43.1820, -43.4220

# Conversions

## Conversions Part 2

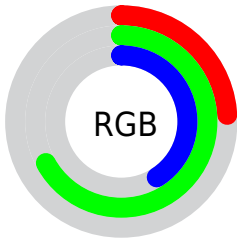
Format	Color
<a href="#">RYB</a>	<a href="#">62, 140, 170</a>
Decimal	<a href="#">4106856</a>
CIELab	<a href="#">62.32, -45.93, 25.17</a>
CIElCh	<a href="#">62, 52.380, 151.274</a>
Yxy	<a href="#">30.7731, 0.2787, 0.4547</a>
Android (android.graphics.Color)	<a href="#">4282296936 (0xFF3EAA68)</a>
YUV	<a href="#">130.1840, -12.9087, -59.7974</a>
Hunter-Lab	<a href="#">55.4735, -36.3917, 19.5477</a>

# Details

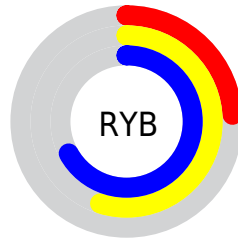
The Hex color **3EAA68** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA3E80**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **78E29C**, and **007538** is the 20% darker color. If you saturate the color by 10%, you get **2DAA5E**, and if you desaturate by 10%, it is **4FAA72**.

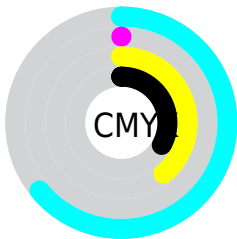
# Distribution



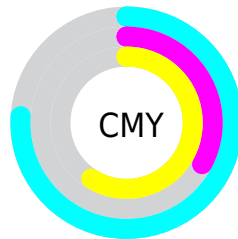
- Red (24%)
- Green (67%)
- Blue (41%)



- Red (24%)
- Yellow (55%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)



- Cyan (76%)
- Magenta (33%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EAA68 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 3EAA68 by changing the saturation by 10% instead.





3EAA68



3EAA68

FFFFFF



1A8F4F



78E29C



007538



95FFB7



005B21



B2FFD3



00430B



CFFFEF



002C00



ECFFFF



000F00



000000



3EAA68



3EAA68



2DAA5E



4FAA72

■ 1CAA53

■ 60AA7D

■ 0BAA49

■ 71AA87

■ 00AA42

■ 82AA92

■ 93AA9C

■ A4AAA6

■ B5AAB1

■ C6AABB

■ D7AAC5

# Harmonies

## Analogous

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



7FA243



3EAA68



00AE97

# Triad

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



3EAA68



379BF3



EA7369

# Complementary

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



3EAA68



AA3E80

# 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.



EA6D97



3EAA68



9B8AE6

# Square

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



3EAA68



00A7E7



D177C4



D48445

# Rectangle

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



3EAA68



00ADB7



D177C4



EC7078



# Sweetspot

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



3EAA68



B4DEC4



81AA3E



567060



F0F0F0



707070



# Same Dimension

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



3EAA68



35DE77



3EAA9D



4C544F



00943A



001408



# Inverse Universe

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



AA3E80



DE359C



AA3E4B



544C51



94005A



14000C



# Previews

## White Background



This preview shows how the Hex color 3EAA68 looks on a white background.

## Color Contrast Check

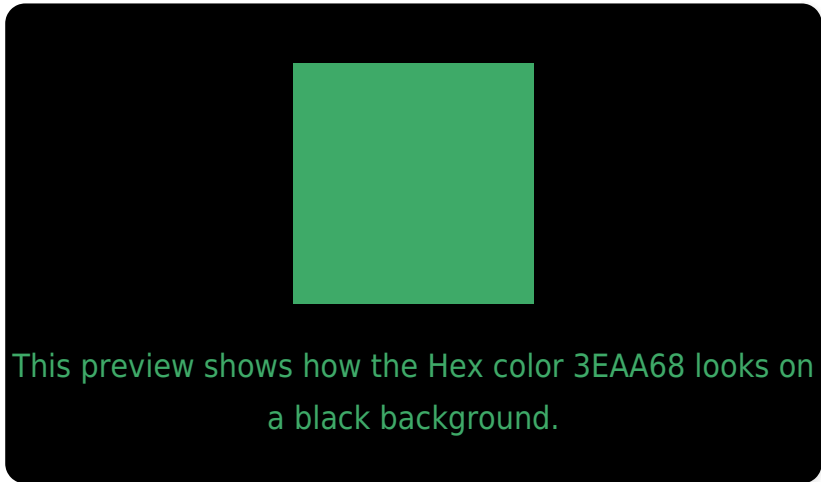
Large Text (above 18pt) WCAG AA × Fail

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 3EAA68 Background



This preview shows how black text looks on a background with the Hex color 3EAA68.

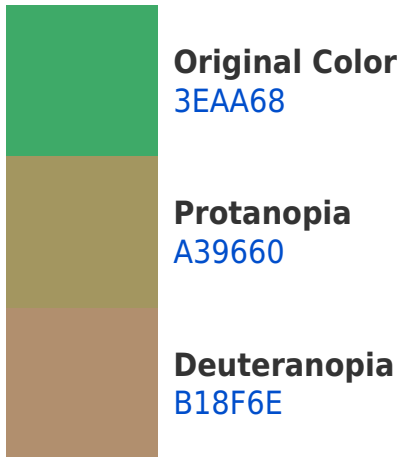


This preview shows how white text looks on a background with the Hex color 3EAA68.

# 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](#).

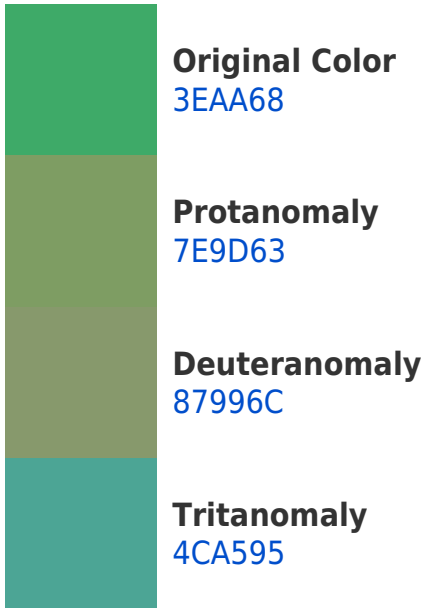
## Dichromacy



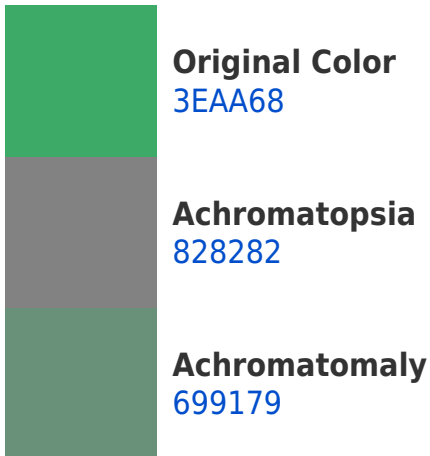


**Tritanopia**  
54A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EAA68 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 #3EAA68 looks like.

```
.text, #text, p{  
    color:#3EAA68  
}
```

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 #3EAA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EAA68  
}
```

## Border

The CSS property to change the border of an element to Hex 3EAA68 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  
#3EAA68 }
```

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

```
.border{ border-color:#3EAA68 }
```

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

Here you see how a box with a 4 pixel #3EAA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EAA68; -webkit-box-shadow:4px 4px  
4px 4px #3EAA68; box-shadow:4px 4px 4px  
4px #3EAA68 }
```

# Background

The CSS property to change the background color of an element to Hex 3EAA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EAA68 }
```

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

```
.background{ background-color:#3EAA68 }
```

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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