

# Converting Colors

Hex(3AA369)

Have a look what the booklet for  
Hex(3AA369) contains.

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# Color

Hex(3AA369)

# Conversions

## Conversions Part 1

Format	Color
Hex	3AA369
RGB	58, 163, 105
RGB Percent	23%, 64%, 41%
CMY	0.7725, 0.3608, 0.5882
CMYK	0.64, 0.00, 0.36, 0.36
HSL	147°, 48%, 43%
HSV	147°, 64%, 64%
XYZ	17.3919, 28.1138, 17.8745
YIQ	124.9930, -43.9620, -40.2980

# Conversions

## Conversions Part 2

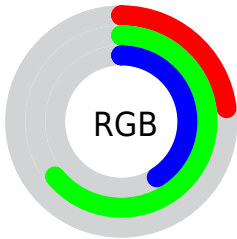
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 131, 163
Decimal	3842921
CIELab	59.99, -43.69, 21.51
CIElCh	60, 48.696, 153.787
Yxy	28.1138, 0.2744, 0.4436
Android (android.graphics.Color)	4282033001 (0xFF3AA369)
YUV	124.9930, -9.8565, -58.7529
Hunter-Lab	53.0225, -34.2395, 17.1284

# Details

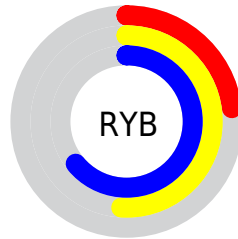
The Hex color **3AA369** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A33A74**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **74DB9D**, and **006E39** is the 20% darker color. If you saturate the color by 10%, you get **2AA360**, and if you desaturate by 10%, it is **4AA372**.

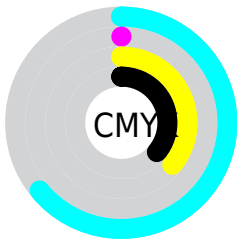
# Distribution



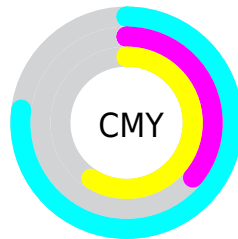
- Red (23%)
- Green (64%)
- Blue (41%)



- Red (23%)
- Yellow (51%)
- Blue (64%)



- Cyan (64%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (77%)
- Magenta (36%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3AA369 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 3AA369 by changing the saturation by 10% instead.





3AA369



3AA369

FFFFFF



158851



74DB9D



006E39



90F8B8



005523



ADFFD3



003D0D



CAFFF0



002800



E7FFFF



000000



3AA369



3AA369



2AA360



4AA372



19A357



5BA37B

■ 09A34E

■ 6BA384

■ 00A349

■ 7BA38D

■ 8BA396

■ 9CA39F

■ ACA3A8

■ BCA3B1

■ CDA3BA

# Harmonies

## Analogous

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



779C46



3AA369



00A695

# Triad

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



3AA369



4993E6



DD7163

# Complementary

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



3AA369



A33A74

# 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.



DF6B8D



3AA369



9A83D8

# Square

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



3AA369



009FDD



CA73B7



C78143

# Rectangle

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



3AA369



00A6B2



CA73B7



E06E70



# Sweetspot

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



3AA369



ABD4BD



75A33A



526B5D



EBEBEB



6B6B6B



# Same Dimension

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



3AA369



31D47A



3AA39C



49524D



009141



001208



# Inverse Universe

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



A33A74



D4318B



A33A41



52494E



910050



12000A



# Previews

## White Background



This preview shows how the Hex color 3AA369 looks on a white background.

## Color Contrast Check

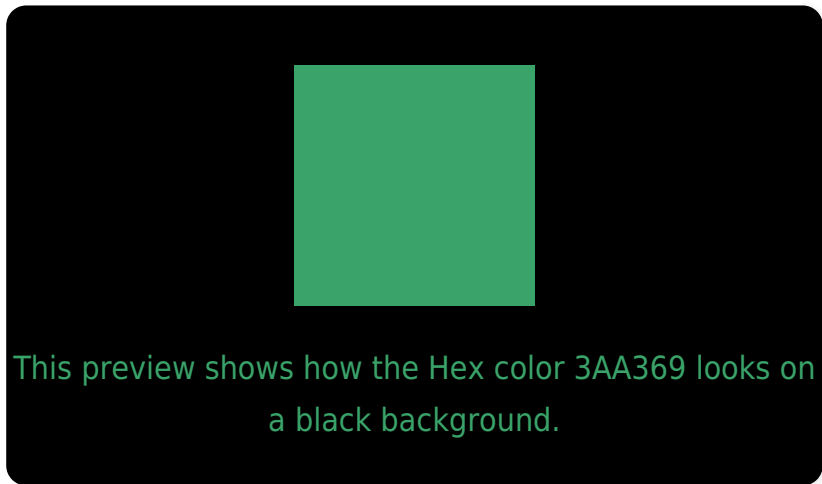
Large Text (above 18pt) WCAG AA ✓ Pass

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 3AA369 Background



This preview shows how black text looks on a background with the Hex color 3AA369.

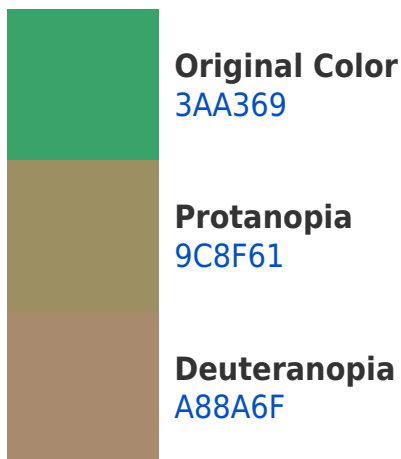



This preview shows how white text looks on a background with the Hex color 3AA369.

# 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**  
4F9BA8

# Trichromacy



**Original Color**  
3AA369



**Protanomaly**  
789664



**Deuteranomaly**  
80936D



**Tritanomaly**  
479E91

# Monochromacy



**Original Color**  
3AA369



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
658B76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3AA369 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 #3AA369 looks like.

```
.text, #text, p{  
    color:#3AA369  
}
```

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 #3AA369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AA369
}
```

## Border

The CSS property to change the border of an element to Hex 3AA369 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
#3AA369 }
```

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

```
.border{ border-color:#3AA369 }
```

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

Here you see how a box with a 4 pixel #3AA369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AA369; -webkit-box-shadow:4px 4px  
4px 4px #3AA369; box-shadow:4px 4px 4px  
4px #3AA369 }
```

# Background

The CSS property to change the background color of an element to Hex 3AA369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AA369 }
```

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

```
.background{ background-color:#3AA369 }
```

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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