

# Converting Colors

Hex(39AF6A)

Have a look what the booklet for  
Hex(39AF6A) contains.

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**Color**

**Hex(39AF6A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39AF6A
RGB	57, 175, 106
RGB Percent	22%, 69%, 42%
CMY	0.7765, 0.3137, 0.5843
CMYK	0.67, 0.00, 0.39, 0.31
HSL	145°, 51%, 45%
HSV	145°, 67%, 69%
XYZ	19.6188, 32.5704, 18.8884
YIQ	131.8520, -48.1790, -46.4750

# Conversions

## Conversions Part 2

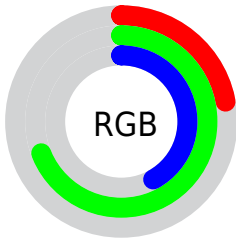
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 140, 175
Decimal	3780458
CIELab	63.81, -48.52, 26.06
CIELCh	64, 55.078, 151.758
Yxy	32.5704, 0.2760, 0.4582
Android (android.graphics.Color)	4281970538 (0xFF39AF6A)
YUV	131.8520, -12.7450, -65.6452
Hunter-Lab	57.0705, -38.5113, 20.3264

# Details

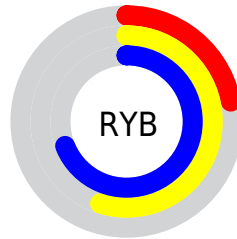
The Hex color **39AF6A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AF397E**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **76E79E**, and **00793A** is the 20% darker color. If you saturate the color by 10%, you get **27AF60**, and if you desaturate by 10%, it is **4BAF74**.

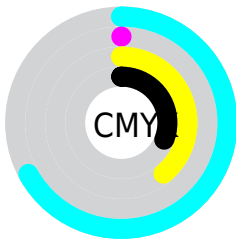
# Distribution



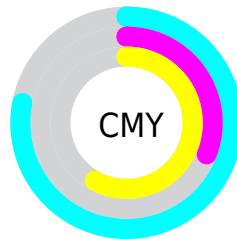
- Red (22%)
- Green (69%)
- Blue (42%)



- Red (22%)
- Yellow (55%)
- Blue (69%)



- Cyan (67%)
- Magenta (0%)
- Yellow (39%)
- Black (31%)



- Cyan (78%)
- Magenta (31%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39AF6A 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 39AF6A by changing the saturation by 10% instead.





39AF6A



39AF6A

FFFFFF



0D9451



76E79E



00793A



92FFB9



006023



AFFFD5



00470C



CDFFF1



003000



EAFFFF



001600



000000



39AF6A



39AF6A



27AF60



4BAF74

 16AF56

 5CAF7E

 04AF4B

 6EAF89

 00AF49

 7FAF93

 91AF9D

 A2AFA7

 B4AFB2

 C5AFBC

 D7AFC6

# Harmonies

## Analogous

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



81A742



39AF6A



00B39C

# Triad

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



39AF6A



329FFD



F1756A

# Complementary

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



39AF6A



AF397E

# 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.



F36E9A



39AF6A



A08CEE

# Square

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



39AF6A



00ACF0



D979CA



DA8743

# Rectangle

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



39AF6A



00B3BD



D979CA



F57179



# Sweetspot

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



39AF6A



B6E3C8



80AF39



577363



F2F2F2



737373



# Same Dimension

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



39AF6A



2BE377



39AFA3



4E5752



00963E



00170A



# Inverse Universe

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



AF397E



E32B97



AF3945



574E53



960058



17000D



# Previews

## White Background



This preview shows how the Hex color 39AF6A looks on a white background.

## Color Contrast Check

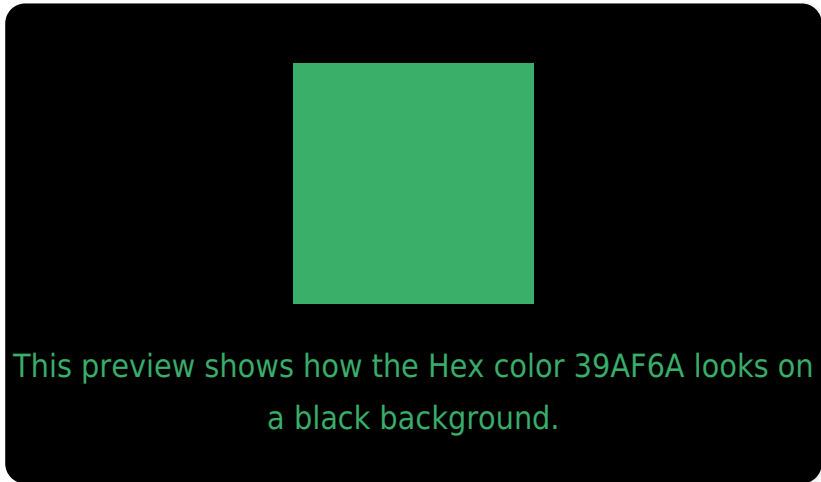
Large Text (above 18pt) WCAG AA × Fail

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 39AF6A Background



This preview shows how black text looks on a background with the Hex color 39AF6A.

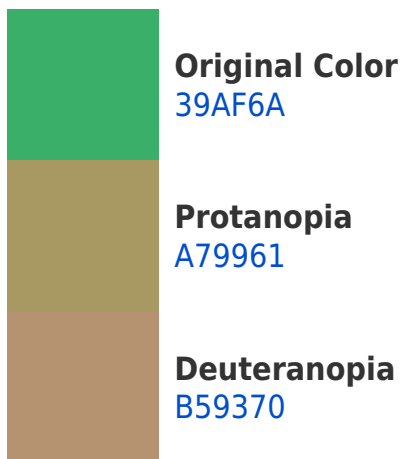


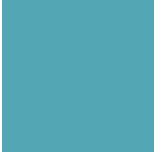
This preview shows how white text looks on a background with the Hex color 39AF6A.

# 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**  
53A6B4

# Trichromacy



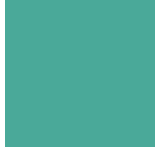
**Original Color**  
39AF6A



**Protanomaly**  
7FA164



**Deuteranomaly**  
889D6E



**Tritanomaly**  
4AA999

# Monochromacy



**Original Color**  
39AF6A



**Achromatopsia**  
848484



**Achromatomaly**  
69947B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39AF6A 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 #39AF6A looks like.

```
.text, #text, p{  
    color:#39AF6A  
}
```

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 #39AF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39AF6A
}
```

## Border

The CSS property to change the border of an element to Hex 39AF6A 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
#39AF6A }
```

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

```
.border{ border-color:#39AF6A }
```

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

Here you see how a box with a 4 pixel #39AF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39AF6A; -webkit-box-shadow:4px 4px  
4px 4px #39AF6A; box-shadow:4px 4px 4px  
4px #39AF6A }
```

# Background

The CSS property to change the background color of an element to Hex 39AF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39AF6A }
```

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

```
.background{ background-color:#39AF6A }
```

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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