

# Converting Colors

Hex(39A660)

Have a look what the booklet for  
Hex(39A660) contains.

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**Color**

**Hex(39A660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39A660
RGB	57, 166, 96
RGB Percent	22%, 65%, 38%
CMY	0.7765, 0.3490, 0.6235
CMYK	0.66, 0.00, 0.42, 0.35
HSL	141°, 49%, 44%
HSV	141°, 66%, 65%
XYZ	17.4349, 28.9868, 15.7424
YIQ	125.4290, -42.4940, -44.8780

# Conversions

## Conversions Part 2

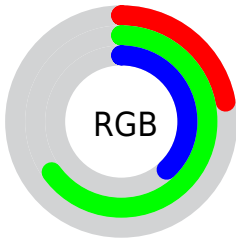
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 137, 166
Decimal	3778144
CIELab	60.77, -46.81, 27.39
CIElCh	61, 54.236, 149.665
Yxy	28.9868, 0.2805, 0.4663
Android (android.graphics.Color)	4281968224 (0xFF39A660)
YUV	125.4290, -14.5085, -60.0122
Hunter-Lab	53.8394, -36.4151, 20.3514

# Details

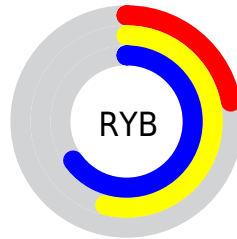
The Hex color **39A660** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A6397F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **74DE93**, and **007130** is the 20% darker color. If you saturate the color by 10%, you get **28A655**, and if you desaturate by 10%, it is **4AA66B**.

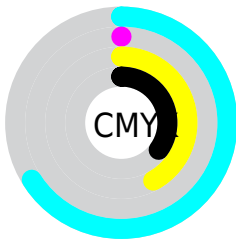
# Distribution



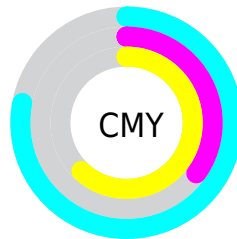
- Red (22%)
- Green (65%)
- Blue (38%)



- Red (22%)
- Yellow (54%)
- Blue (65%)



- Cyan (66%)
- Magenta (0%)
- Yellow (42%)
- Black (35%)



- Cyan (78%)
- Magenta (35%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39A660 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 39A660 by changing the saturation by 10% instead.



 39A660

 39A660

FFFFFF

 128B48

 74DE93

 007130

 91FBAE

 005819

 ADFFCA

 003F01

 CAFFE6

 002A00

 E8FFFF

 000500

 000000

 39A660

 39A660

 28A655

 4AA66B

 18A64B

 5AA675

 07A640

 6BA680

 00A63B

 7BA68B

 8CA695

 9DA6A0

 ADA6AB

 BEA6B5

 CEA6C0

# Harmonies

## Analogous

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



7D9E3A



39A660



00AA91

# Triad

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



39A660



0C98F2



E86D66

# Complementary

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



39A660



A6397F

# 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.



E86795



39A660



9386E6

# Square

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



39A660



00A4E5



CC72C4



D27E3F

# Rectangle

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



39A660



00AAB1



CC72C4



EB6975



# Sweetspot

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



39A660



ADD9BD



80A639



536E5D



EDEDED



6E6E6E



# Same Dimension

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



39A660



2ED96B



39A696



4C544F



009435



001407



# Inverse Universe

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



A6397F



D92E9B



A63949



544C51



94005F



14000D



# Previews

## White Background



This preview shows how the Hex color 39A660 looks on a white background.

## Color Contrast Check

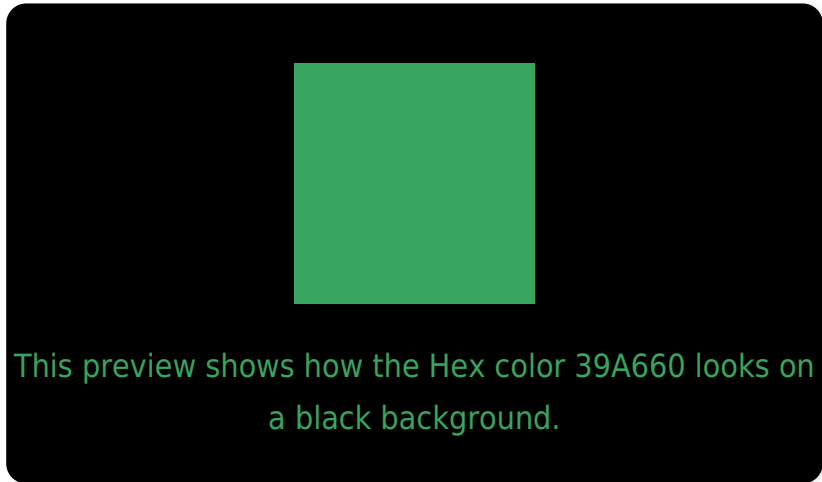
Large Text (above 18pt) WCAG AA ✓ Pass

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

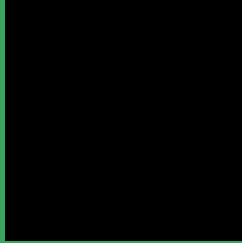
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 39A660 Background



This preview shows how black text looks on a background with the Hex color 39A660.



This preview shows how white text looks on a background with the Hex color 39A660.

# 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**  
519DAA

# Trichromacy



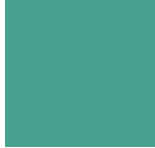
**Original Color**  
39A660



**Protanomaly**  
7A995B



**Deuteranomaly**  
839564



**Tritanomaly**  
48A08F

# Monochromacy



**Original Color**  
39A660



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
648C72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39A660 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 #39A660 looks like.

```
.text, #text, p{  
    color:#39A660  
}
```

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 #39A660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A660
}
```

## Border

The CSS property to change the border of an element to Hex 39A660 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
#39A660 }
```

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

```
.border{ border-color:#39A660 }
```

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

Here you see how a box with a 4 pixel #39A660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A660; -webkit-box-shadow:4px 4px  
4px 4px #39A660; box-shadow:4px 4px 4px  
4px #39A660 }
```

# Background

The CSS property to change the background color of an element to Hex 39A660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A660 }
```

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

```
.background{ background-color:#39A660 }
```

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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