

Converting Colors

Hex(39BF67)

Have a look what the booklet for
Hex(39BF67) contains.

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Color

Hex(39BF67)

Conversions

Conversions Part 1

Format	Color
Hex	39BF67
RGB	57, 191, 103
RGB Percent	22%, 75%, 40%
CMY	0.7765, 0.2510, 0.5961
CMYK	0.70, 0.00, 0.46, 0.25
HSL	141°, 54%, 49%
HSV	141°, 70%, 75%
XYZ	22.7663, 39.1107, 19.1812
YIQ	140.9020, -51.6160, -55.7760

Conversions

Conversions Part 2

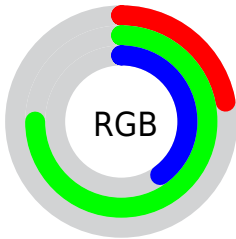
Format	Color
RYB	57, 157, 191
Decimal	3784551
CIELab	68.83, -55.13, 34.14
CIELCh	69, 64.850, 148.230
Yxy	39.1107, 0.2809, 0.4825
Android (android.graphics.Color)	4281974631 (0xFF39BF67)
YUV	140.9020, -18.6857, -73.5821
Hunter-Lab	62.5386, -44.4620, 25.5922

Details

The Hex color **39BF67** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF3991**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **79F89B**, and **008836** is the 20% darker color. If you saturate the color by 10%, you get **26BF5A**, and if you desaturate by 10%, it is **4CBF74**.

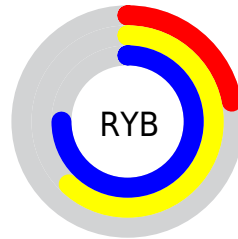
Distribution



Red (22%)

Green (75%)

Blue (40%)



Red (22%)

Yellow (62%)

Blue (75%)

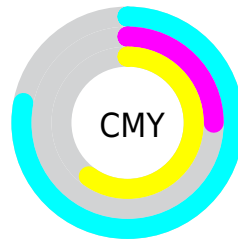


Cyan (70%)

Magenta (0%)

Yellow (46%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BF67 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 39BF67 by changing the saturation by 10% instead.

 39BF67

 39BF67


FFFFFF

 02A34E

 79F89B

 008836

 96FFB7

 006E1E

 B4FFD2

 005403

 D2FFE7

 003C00

 F0FFFF

 002500

 000000

 39BF67

 39BF67

 26BF5A

 4CBF74

 13BF4E

 5FBF80

 00BF42

 72BF8D

 85BF99

 99BFA6

 ACBFB2

 BFBFBF

 D2BFCB

 E5BFD8

Harmonies

Analogous

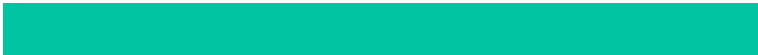
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90B537



39BF67



00C4A2

Triad

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



39BF67



00B0FF



FF7774

Complementary

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



39BF67



BF3991

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.



FF71AE



39BF67



A29AFF

Square

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



39BF67



00BDFE



EC81E7



F68D43

Rectangle

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



39BF67



00C4CB



EC81E7



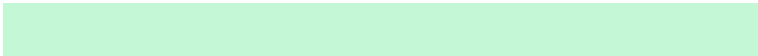
FF7387

Sweetspot

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



39BF67



C3F7D5



92BF39



5E7D68



FCFCFC



7D7D7D

Same Dimension

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



39BF67



28F76F



39BFA9



555E58



009E36



001F0B

Inverse Universe

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



BF3991



F728B0



BF394F



5E555B



9E0068



1F0014

Previews

White Background



This preview shows how the Hex color 39BF67 looks on a white background.

Color Contrast Check

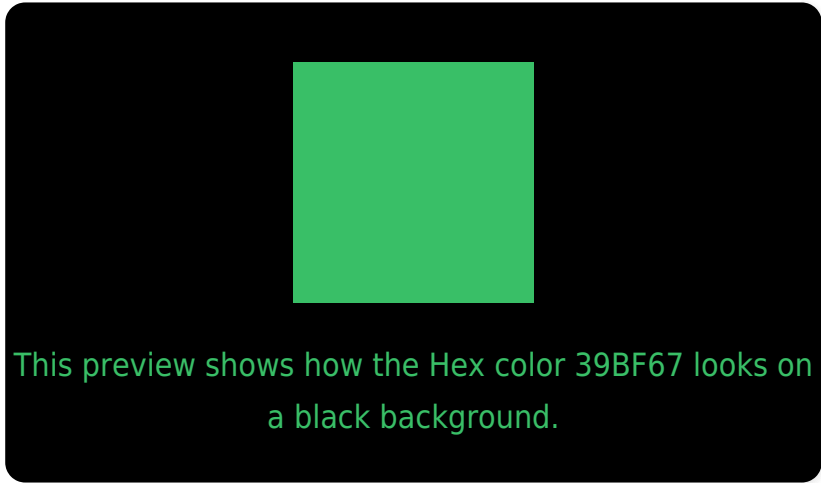
Large Text (above 18pt) WCAG AA × Fail

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

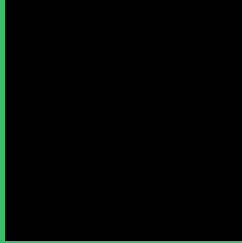
Any Text WCAG AA ✓ Pass

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 39BF67 Background



This preview shows how black text looks on a background with the Hex color 39BF67.



This preview shows how white text looks on a background with the Hex color 39BF67.

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](#).

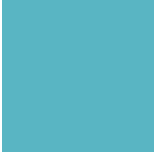
Dichromacy



Original Color
39BF67

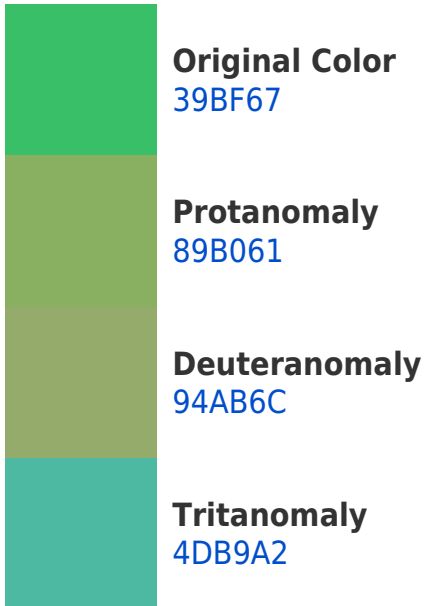
Protanopia
B7A75E

Deuteranopia
C89F6F

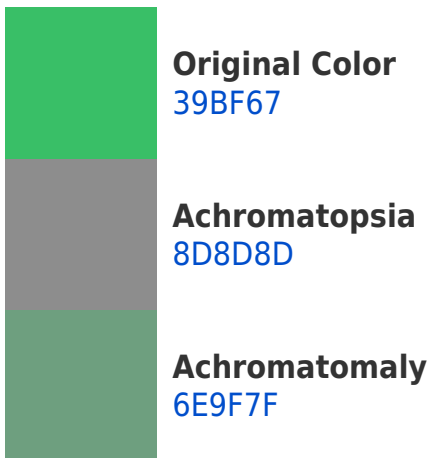


Tritanopia
59B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BF67 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 #39BF67 looks like.

```
.text, #text, p{  
    color:#39BF67  
}
```

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 #39BF67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BF67  
}
```

Border

The CSS property to change the border of an element to Hex 39BF67 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  
#39BF67 }
```

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

```
.border{ border-color:#39BF67 }
```

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

Here you see how a box with a 4 pixel #39BF67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BF67; -webkit-box-shadow:4px 4px  
4px 4px #39BF67; box-shadow:4px 4px 4px  
4px #39BF67 }
```

Background

The CSS property to change the background color of an element to Hex 39BF67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BF67 }
```

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

```
.background{ background-color:#39BF67 }
```

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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