

# Converting Colors

Hex(39DF3E)

Have a look what the booklet for  
Hex(39DF3E) contains.

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**Color**

**Hex(39DF3E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39DF3E
RGB	57, 223, 62
RGB Percent	22%, 87%, 24%
CMY	0.7765, 0.1255, 0.7569
CMYK	0.74, 0.00, 0.72, 0.13
HSL	122°, 72%, 55%
HSV	122°, 74%, 87%
XYZ	28.9445, 53.9930, 13.4536
YIQ	155.0120, -47.2550, -85.2630

# Conversions

## Conversions Part 2

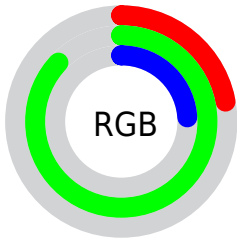
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 218, 223
Decimal	3792702
CIELab	78.46, -70.75, 63.24
CIELCh	78, 94.898, 138.208
Yxy	53.9930, 0.3003, 0.5601
Android (android.graphics.Color)	4281982782 (0xFF39DF3E)
YUV	155.0120, -45.8549, -85.9565
Hunter-Lab	73.4799, -58.2769, 40.5804

# Details

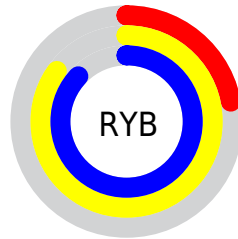
The Hex color **39DF3E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark muted green. A complement of this color would be **DF39DA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **81FF77**, and **00A600** is the 20% darker color. If you saturate the color by 10%, you get **23DF28**, and if you desaturate by 10%, it is **4FDF54**.

# Distribution



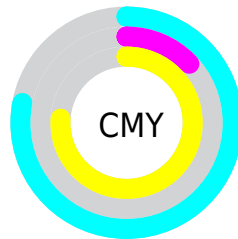
- Red (22%)
- Green (87%)
- Blue (24%)



- Red (22%)
- Yellow (85%)
- Blue (87%)



- Cyan (74%)
- Magenta (0%)
- Yellow (72%)
- Black (13%)



- Cyan (78%)
- Magenta (13%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39DF3E 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 39DF3E by changing the saturation by 10% instead.



 39DF3E

 39DF3E

FFFFFF

 00C21D

 81FF77

 00A600

 A1FF92

 008B00

 C0FFAF

 007000

 DFFF CB

 005600

 FEFFE9

 003D00

 002400

 000000

 39DF3E

 39DF3E

 23DF28

 4FDF54

 0CDF13

 66DF69

 00DF07

 7CDF7F

 92DF95

 A9DFAA

 BFDFC0

 D5DFD5

 EBDFEB

 FFDFFF

# Harmonies

## Analogous

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



B6CE00



39DF3E



00E79B

# Triad

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



39DF3E



00D7FF



FF6191

# Complementary

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



39DF3E



DF39DA

# 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.



FF63E9



39DF3E



63BAFF

# Square

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



39DF3E



00E5FF



FF8FFF



FF893D

# Rectangle

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



39DF3E



00E9D9



FF8FFF



FF5BAE

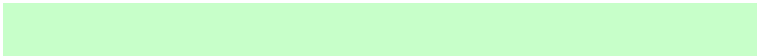


# Sweetspot

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



39DF3E



C7FFC9



DCDF39



5E805F



000000



808080



# Same Dimension

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



39DF3E



1CFF23



39DF8F



657065



00B005



003001



# Inverse Universe

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



DF39DA



FF1CF8



DF3989



706570



B000AB

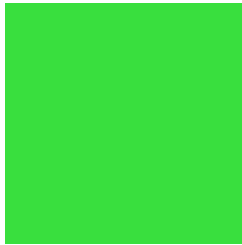


30002F



# Previews

## White Background



This preview shows how the Hex color 39DF3E looks on a white background.

## Color Contrast Check

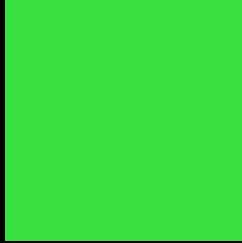
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 39DF3E looks on a 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 39DF3E Background



This preview shows how black text looks on a background with the Hex color 39DF3E.

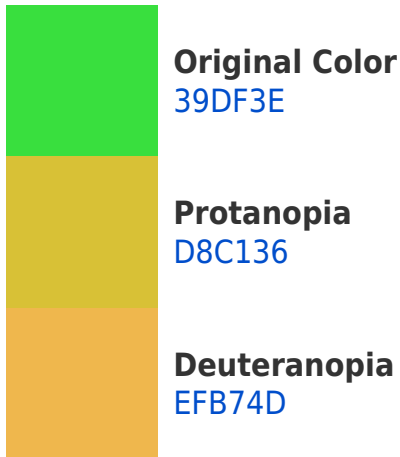


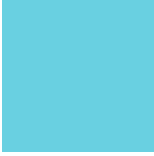
This preview shows how white text looks on a background with the Hex color 39DF3E.

# 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](#).

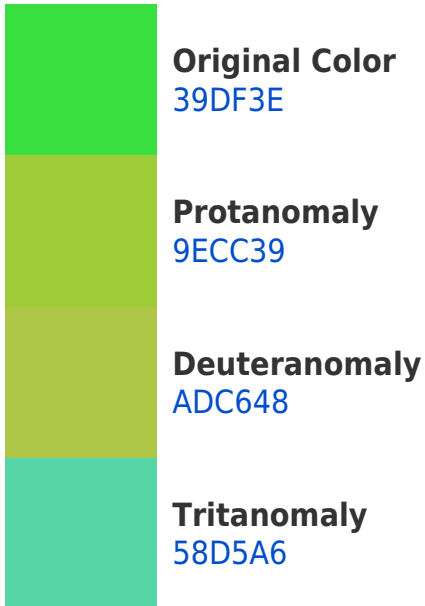
## Dichromacy





**Tritanopia**  
69D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39DF3E 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 #39DF3E looks like.

```
.text, #text, p{  
    color:#39DF3E  
}
```

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 #39DF3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39DF3E
}
```

## Border

The CSS property to change the border of an element to Hex 39DF3E 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
#39DF3E }
```

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

```
.border{ border-color:#39DF3E }
```

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

Here you see how a box with a 4 pixel #39DF3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39DF3E; -webkit-box-shadow:4px 4px  
4px 4px #39DF3E; box-shadow:4px 4px 4px  
4px #39DF3E }
```

# Background

The CSS property to change the background color of an element to Hex 39DF3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39DF3E }
```

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

```
.background{ background-color:#39DF3E }
```

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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