

# Converting Colors

Hex(39BF75)

Have a look what the booklet for  
Hex(39BF75) contains.

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# Color

Hex(39BF75)

# Conversions

## Conversions Part 1

Format	Color
Hex	39BF75
RGB	57, 191, 117
RGB Percent	22%, 75%, 46%
CMY	0.7765, 0.2510, 0.5412
CMYK	0.70, 0.00, 0.39, 0.25
HSL	147°, 54%, 49%
HSV	147°, 70%, 75%
XYZ	23.5290, 39.4158, 23.1975
YIQ	142.4980, -56.1100, -51.4220

# Conversions

## Conversions Part 2

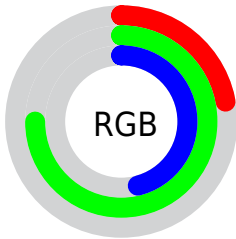
Format	Color
<a href="#">RYB</a>	<a href="#">57, 150, 191</a>
Decimal	<a href="#">3784565</a>
CIELab	<a href="#">69.05, -52.65, 27.19</a>
CIElCh	<a href="#">69, 59.258, 152.689</a>
Yxy	<a href="#">39.4158, 0.2731, 0.4576</a>
Android (android.graphics.Color)	<a href="#">4281974645 (0xFF39BF75)</a>
YUV	<a href="#">142.4980, -12.5705, -74.9817</a>
Hunter-Lab	<a href="#">62.7820, -42.9715, 22.0402</a>

# Details

The Hex color **39BF75** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF3983**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **79F8AA**, and **008844** is the 20% darker color. If you saturate the color by 10%, you get **26BF6A**, and if you desaturate by 10%, it is **4CBF80**.

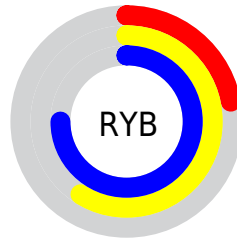
# Distribution



Red (22%)

Green (75%)

Blue (46%)



Red (22%)

Yellow (59%)

Blue (75%)

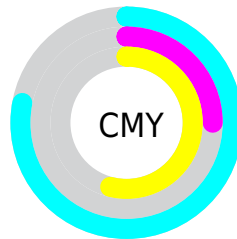


Cyan (70%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39BF75 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 39BF75 by changing the saturation by 10% instead.



 39BF75

 39BF75

FFFFFF

 03A35C

 79F8AA

 008844

 96FFC5

 006E2C

 B4FFE1

 005416

 D2FFFE

 003C00

 F0FFFF

 002500

 000000

 39BF75

 39BF75

 26BF6A

 4CBF80

 13BF60

 5FBF8A

 00BF56

 72BF95

 85BF9F

 99BFAA

 ACBFB4

 BFBFBF

 D2BFC9

 E5BFD4

# Harmonies

## Analogous

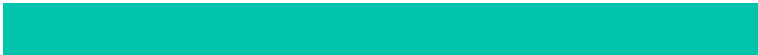
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AB649



39BF75



00C3AC

# Triad

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



39BF75



3BADFF



FF8072

# Complementary

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



39BF75



BF3983

# 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.



FF78A6



39BF75



B198FF

# Square

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



39BF75



00BBFF



EE83DB



EC9448

# Rectangle

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



39BF75



00C3D0



EE83DB



FF7B82

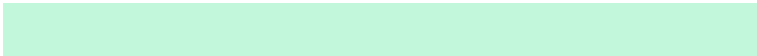


# Sweetspot

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



39BF75



C3F7DB



85BF39



5E7D6C



FCFCFC



7D7D7D



# Same Dimension

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



39BF75



28F785



39BFB6



555E59



009E47



001F0E



# Inverse Universe

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



BF3983



F7289A



BF3942



5E555A



9E0057

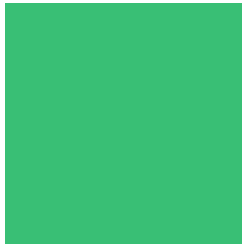


1F0011



# Previews

## White Background



This preview shows how the Hex color 39BF75 looks on a white background.

## Color Contrast Check

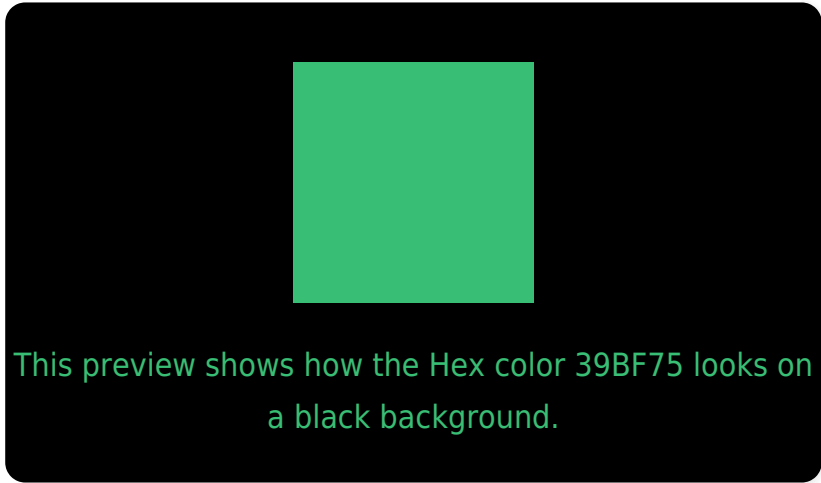
Large Text (above 18pt) WCAG AA × Fail

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

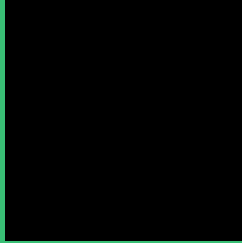
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 39BF75 Background



This preview shows how black text looks on a background with the Hex color 39BF75.

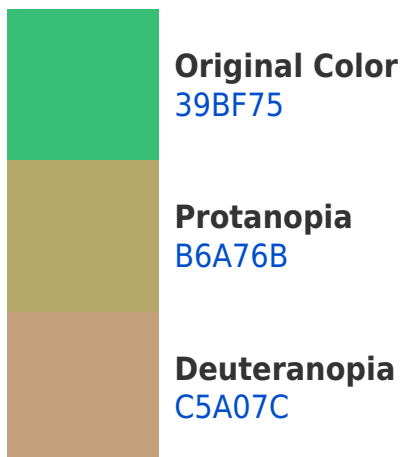


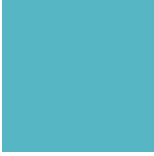
This preview shows how white text looks on a background with the Hex color 39BF75.

# 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](#).

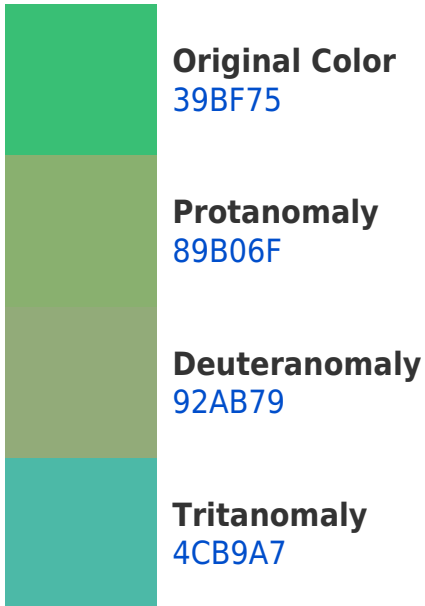
## Dichromacy





**Tritanopia**  
57B6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39BF75 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 #39BF75 looks like.

```
.text, #text, p{  
    color:#39BF75  
}
```

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 #39BF75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BF75  
}
```

## Border

The CSS property to change the border of an element to Hex 39BF75 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  
#39BF75 }
```

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

```
.border{ border-color:#39BF75 }
```

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

Here you see how a box with a 4 pixel #39BF75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BF75; -webkit-box-shadow:4px 4px  
4px 4px #39BF75; box-shadow:4px 4px 4px  
4px #39BF75 }
```

# Background

The CSS property to change the background color of an element to Hex 39BF75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BF75 }
```

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

```
.background{ background-color:#39BF75 }
```

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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