

Converting Colors

Hex(39BD79)

Have a look what the booklet for
Hex(39BD79) contains.

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Color

Hex(39BD79)

Conversions

Conversions Part 1

Format	Color
Hex	39BD79
RGB	57, 189, 121
RGB Percent	22%, 74%, 47%
CMY	0.7765, 0.2588, 0.5255
CMYK	0.70, 0.00, 0.36, 0.26
HSL	149°, 54%, 48%
HSV	149°, 70%, 74%
XYZ	23.3361, 38.6455, 24.3186
YIQ	141.7800, -56.8440, -49.1320

Conversions

Conversions Part 2

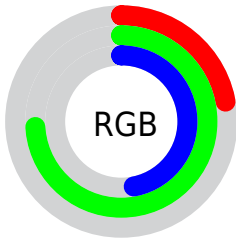
Format	Color
RYB	57, 146, 189
Decimal	3784057
CIELab	68.49, -51.11, 24.33
CIELCh	68, 56.606, 154.540
Yxy	38.6455, 0.2704, 0.4478
Android (android.graphics.Color)	4281974137 (0xFF39BD79)
YUV	141.7800, -10.2445, -74.3521
Hunter-Lab	62.1655, -41.7831, 20.3222

Details

The Hex color **39BD79** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BD397D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **78F6AE**, and **008648** is the 20% darker color. If you saturate the color by 10%, you get **26BD6F**, and if you desaturate by 10%, it is **4CBD83**.

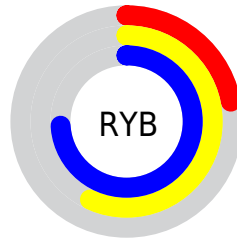
Distribution



Red (22%)

Green (74%)

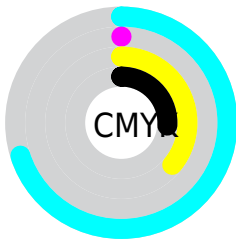
Blue (47%)



Red (22%)

Yellow (57%)

Blue (74%)

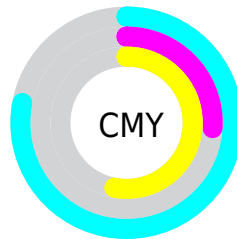


Cyan (70%)

Magenta (0%)

Yellow (36%)

Black (26%)



Cyan (78%)

Magenta (26%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39BD79 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 39BD79 by changing the saturation by 10% instead.

 39BD79

 39BD79

FFFFFF

 04A160

 78F6AE

 008648

 96FFC9

 006C30

 B3FFE6

 00531A

 D1FFFF

 003A02

 EFFFFFFF

 002400

 000000

 39BD79

 39BD79

 26BD6F

 4CBD83

 13BD66

 5FBD8C

 00BD5C

 72BD96

 85BDA0

 98BDAA

 AABDB3

 BDBDBD

 D0BDC7

 E3BDD1

Harmonies

Analogous

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



87B54E



39BD79



00C0AE

Triad

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



39BD79



50AAFF



FF8270

Complementary

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



39BD79



BD397D

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.



FF79A1



39BD79



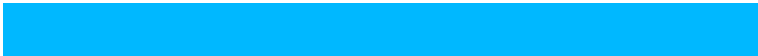
B496FC

Square

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



39BD79



00B8FF



EC82D4



E6944A

Rectangle

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



39BD79



00C0D0



EC82D4



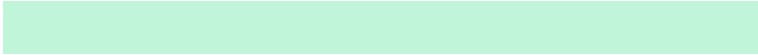
FF7D7F

Sweetspot

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



39BD79



C1F5DA



7DBD39



5C7A6B



FAFAFA



7A7A7A

Same Dimension

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



39BD79



27F58B



39BDBB



555E59



009E4D



001F0F

Inverse Universe

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



BD397D



F52791



BD393B



5E555A



9E0051



1F0010

Previews

White Background



This preview shows how the Hex color 39BD79 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 39BD79 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

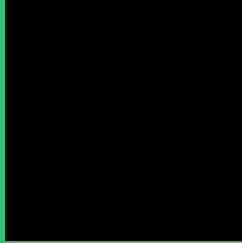
Any Text WCAG AA ✓ Pass

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 39BD79 Background



This preview shows how black text looks on a background with the Hex color 39BD79.

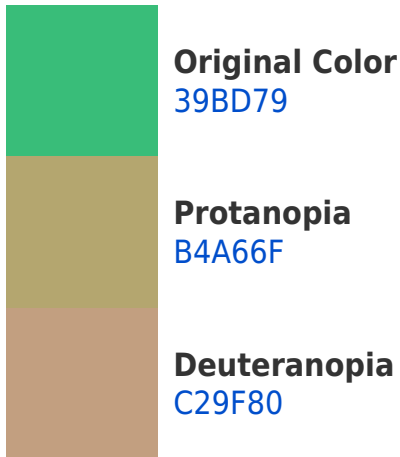


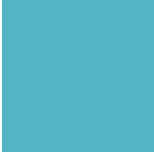
This preview shows how white text looks on a background with the Hex color 39BD79.

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](#).

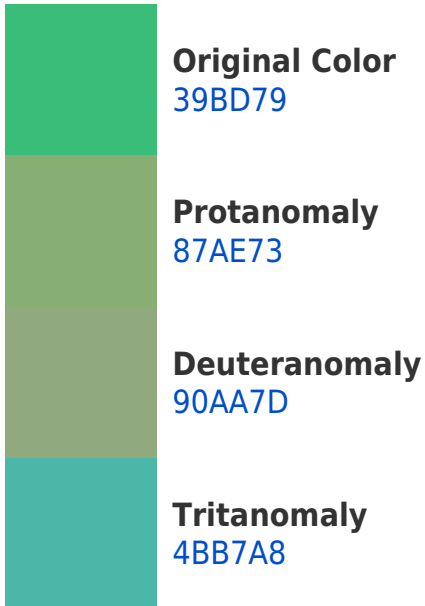
Dichromacy





Tritanopia
55B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39BD79 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 #39BD79 looks like.

```
.text, #text, p{  
    color:#39BD79  
}
```

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 #39BD79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39BD79
}
```

Border

The CSS property to change the border of an element to Hex 39BD79 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
#39BD79 }
```

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

```
.border{ border-color:#39BD79 }
```

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

Here you see how a box with a 4 pixel #39BD79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39BD79; -webkit-box-shadow:4px 4px  
4px 4px #39BD79; box-shadow:4px 4px 4px  
4px #39BD79 }
```

Background

The CSS property to change the background color of an element to Hex 39BD79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39BD79 }
```

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

```
.background{ background-color:#39BD79 }
```

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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