

Converting Colors

Hex(39A73A)

Have a look what the booklet for
Hex(39A73A) contains.

Hex(39A73A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(39A73A)

Conversions

Conversions Part 1

Format	Color
Hex	39A73A
RGB	57, 167, 58
RGB Percent	22%, 65%, 23%
CMY	0.7765, 0.3451, 0.7725
CMYK	0.66, 0.00, 0.65, 0.35
HSL	121°, 49%, 44%
HSV	121°, 66%, 65%
XYZ	16.2698, 28.8128, 8.7069
YIQ	121.6840, -30.5710, -57.2190

Conversions

Conversions Part 2

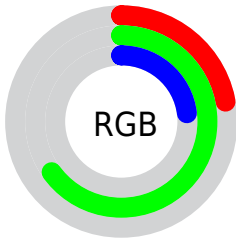
Format	Color
RYB	57, 166, 167
Decimal	3778362
CIELab	60.62, -52.62, 45.93
CIELCh	61, 69.848, 138.883
Yxy	28.8128, 0.3025, 0.5357
Android (android.graphics.Color)	4281968442 (0xFF39A73A)
YUV	121.6840, -31.3962, -56.7279
Hunter-Lab	53.6775, -39.8319, 27.9570

Details

The Hex color **39A73A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A739A6**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **75DF6E**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **28A729**, and if you desaturate by 10%, it is **4AA74B**.

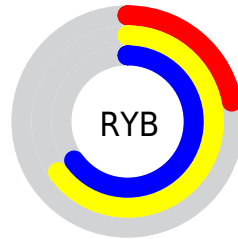
Distribution



Red (22%)

Green (65%)

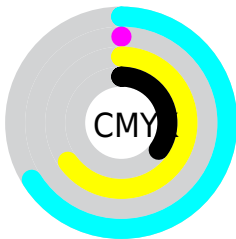
Blue (23%)



Red (22%)

Yellow (65%)

Blue (65%)

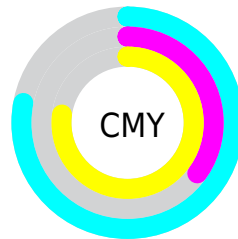


Cyan (66%)

Magenta (0%)

Yellow (65%)

Black (35%)



Cyan (78%)

Magenta (35%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39A73A 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 39A73A by changing the saturation by 10% instead.

 39A73A

 39A73A

FFFFFF

 0E8C1F

 75DF6E

 007200

 92FC88

 005800

 AFFFA3

 003F00

 CDFFBF

 002900

 EAFFDC

 000400

 FFFFF9

 000000

 39A73A

 39A73A

 28A729

 4AA74B

■ 18A719

■ 5AA75B

■ 07A708

■ 6BA76C

■ 00A702

■ 7CA77C

■ 8CA78D

■ 9DA79D

■ AEA7AE

■ BFA7BE

■ CFA7CF

Harmonies

Analogous

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



8A9B00



39A73A



00AD78

Triad

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



39A73A



00A0FF



FF546E

Complementary

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



39A73A



A739A6

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.



F555AC



39A73A



5E8CFF

Square

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



39A73A



00ABEE



C56FE4



EB6C35

Rectangle

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



39A73A



00AEA3



C56FE4



FF5182

Sweetspot

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



39A73A



ADD9AE



A7A739



536E54



EDEDED



6E6E6E

Same Dimension

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



39A73A



2ED92F



39A770



4C544C



009401



001400

Inverse Universe

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



A739A6



D92ED7



A73970



544C54



940093



140014

Previews

White Background



This preview shows how the Hex color 39A73A looks on a white background.

Color Contrast Check

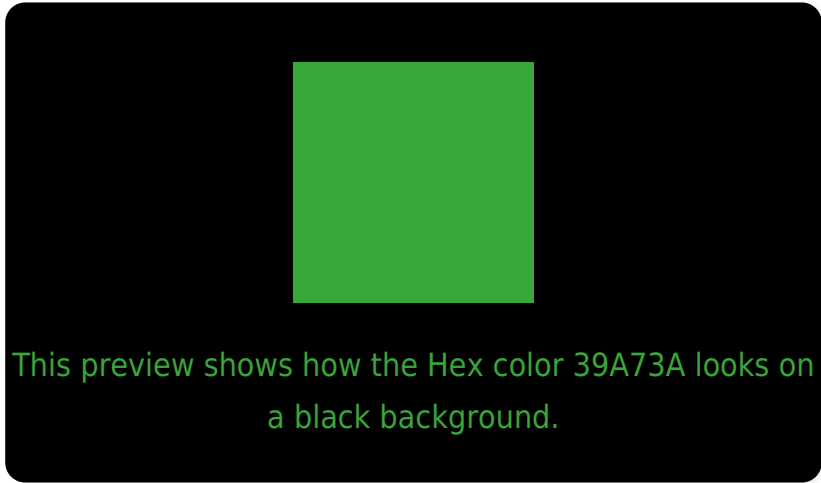
Large Text (above 18pt) WCAG AA ✓ Pass

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

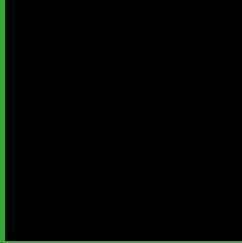
Any Text WCAG AA ✓ Pass

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 39A73A Background



This preview shows how black text looks on a background with the Hex color 39A73A.



This preview shows how white text looks on a background with the Hex color 39A73A.

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
39A73A

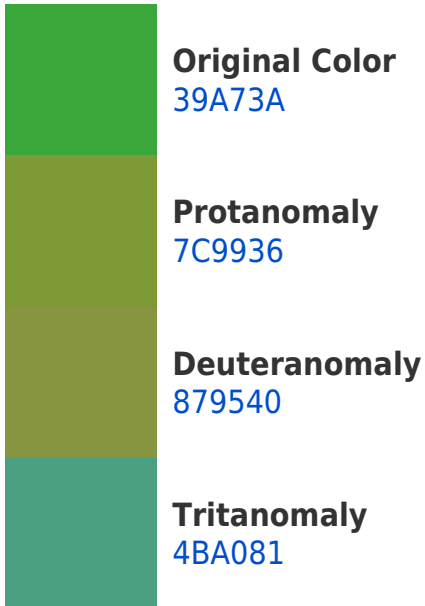
Protanopia
A29134

Deuteranopia
B38A43

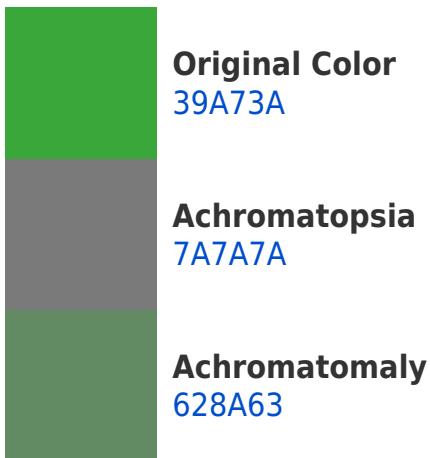


Tritanopia
569CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39A73A 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 #39A73A looks like.

```
.text, #text, p{  
    color:#39A73A  
}
```

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 #39A73A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39A73A
}
```

Border

The CSS property to change the border of an element to Hex 39A73A 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
#39A73A }
```

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

```
.border{ border-color:#39A73A }
```

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

Here you see how a box with a 4 pixel #39A73A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39A73A; -webkit-box-shadow:4px 4px  
4px 4px #39A73A; box-shadow:4px 4px 4px  
4px #39A73A }
```

Background

The CSS property to change the background color of an element to Hex 39A73A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39A73A }
```

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

```
.background{ background-color:#39A73A }
```

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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