

Converting Colors

Hex(38AA4E)

Have a look what the booklet for
Hex(38AA4E) contains.

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Color

Hex(38AA4E)

Conversions

Conversions Part 1

Format	Color
Hex	38AA4E
RGB	56, 170, 78
RGB Percent	22%, 67%, 31%
CMY	0.7804, 0.3333, 0.6941
CMYK	0.67, 0.00, 0.54, 0.33
HSL	132°, 50%, 44%
HSV	132°, 67%, 67%
XYZ	17.3808, 30.1403, 12.1093
YIQ	125.4260, -38.4120, -52.7800

Conversions

Conversions Part 2

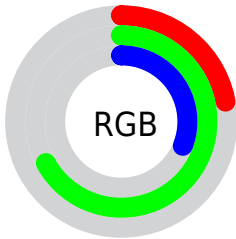
Format	Color
RYB	56, 152, 170
Decimal	3713614
CIELab	61.78, -51.44, 37.92
CIELCh	62, 63.901, 143.605
Yxy	30.1403, 0.2915, 0.5055
Android (android.graphics.Color)	4281903694 (0xFF38AA4E)
YUV	125.4260, -23.3810, -60.8866
Hunter-Lab	54.9001, -39.5642, 25.3525

Details

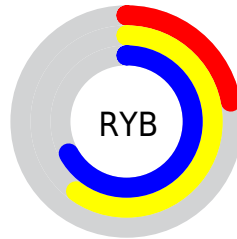
The Hex color **38AA4E** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA3894**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **75E281**, and **00741C** is the 20% darker color. If you saturate the color by 10%, you get **27AA40**, and if you desaturate by 10%, it is **49AA5C**.

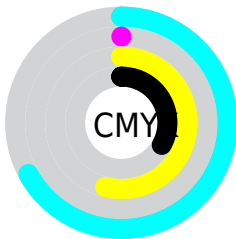
Distribution



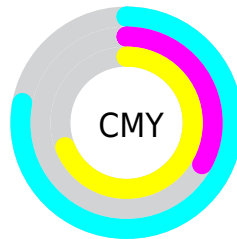
- Red (22%)
- Green (67%)
- Blue (31%)



- Red (22%)
- Yellow (60%)
- Blue (67%)



- Cyan (67%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (78%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38AA4E 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 38AA4E by changing the saturation by 10% instead.

 38AA4E

 38AA4E

FFFFFF

 0C8F35

 75E281

 00741C

 91FF9C

 005B00

 AEFFB7

 004200

 CCFFD3

 002D00

 E9FFF0

 000C00

 000000

 38AA4E

 38AA4E

 27AA40

 49AA5C

■ 16AA33

■ 5AAA69

■ 05AA25

■ 6BAA77

■ 00AA21

■ 7CAA85

■ 8DAA93

■ 9EAAA0

■ AFAAAE

■ C0AABC

■ D1AAC9

Harmonies

Analogous

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



869F1E



38AA4E



00AF87

Triad

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



38AA4E



009FFF



FA626B

Complementary

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



38AA4E



AA3894

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.



F45FA4



38AA4E



7E8BFE

Square

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



38AA4E



00ABF0



CE72D9



E4773A

Rectangle

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



38AA4E



00B0AE



CE72D9



FB5E7E

Sweetspot

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



38AA4E



B1DEBA



95AA38



55705A



F0F0F0



707070

Same Dimension

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



38AA4E



2CDE4F



38AA86



4C544D



00941D



001404

Inverse Universe

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



AA3894



DE2CBC



AA385C



544C53



940077



140010

Previews

White Background



This preview shows how the Hex color 38AA4E looks on a white background.

Color Contrast Check

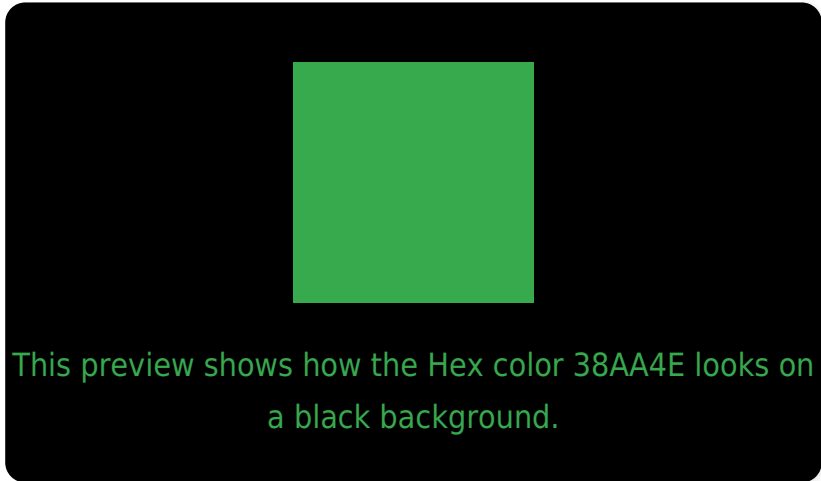
Large Text (above 18pt) WCAG AA × Fail

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

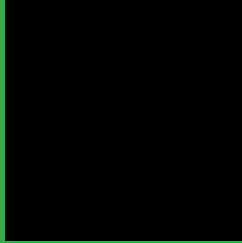
Any Text WCAG AA ✓ Pass

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 38AA4E Background



This preview shows how black text looks on a background with the Hex color 38AA4E.

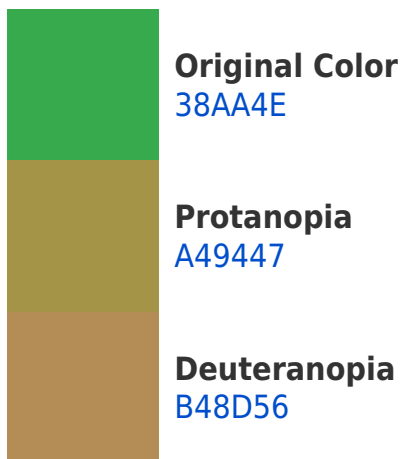


This preview shows how white text looks on a background with the Hex color 38AA4E.

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](#).

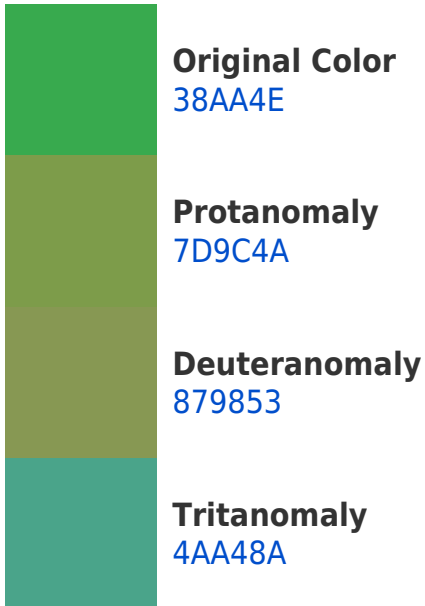
Dichromacy





Tritanopia
54A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38AA4E 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 #38AA4E looks like.

```
.text, #text, p{  
    color:#38AA4E  
}
```

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 #38AA4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AA4E
}
```

Border

The CSS property to change the border of an element to Hex 38AA4E 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
#38AA4E }
```

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

```
.border{ border-color:#38AA4E }
```

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

Here you see how a box with a 4 pixel #38AA4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AA4E; -webkit-box-shadow:4px 4px  
4px 4px #38AA4E; box-shadow:4px 4px 4px  
4px #38AA4E }
```

Background

The CSS property to change the background color of an element to Hex 38AA4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AA4E }
```

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

```
.background{ background-color:#38AA4E }
```

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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