

Converting Colors

Hex(38AC34)

Have a look what the booklet for
Hex(38AC34) contains.

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Color

Hex(38AC34)

Conversions

Conversions Part 1

Format	Color
Hex	38AC34
RGB	56, 172, 52
RGB Percent	22%, 67%, 20%
CMY	0.7804, 0.3255, 0.7961
CMYK	0.67, 0.00, 0.70, 0.33
HSL	118°, 54%, 44%
HSV	118°, 70%, 67%
XYZ	17.0032, 30.5937, 8.2578
YIQ	123.6360, -30.6160, -61.9120

Conversions

Conversions Part 2

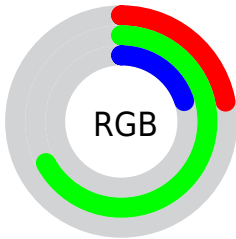
Format	Color
RYB	52, 172, 168
Decimal	3714100
CIELab	62.16, -55.18, 50.11
CIELCh	62, 74.535, 137.758
Yxy	30.5937, 0.3044, 0.5477
Android (android.graphics.Color)	4281904180 (0xFF38AC34)
YUV	123.6360, -35.3165, -59.3168
Hunter-Lab	55.3116, -41.9229, 29.8663

Details

The Hex color **38AC34** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A834AC**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **76E469**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **27AC23**, and if you desaturate by 10%, it is **49AC45**.

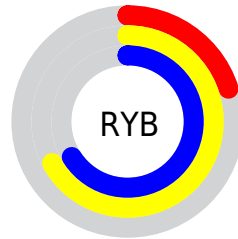
Distribution



Red (22%)

Green (67%)

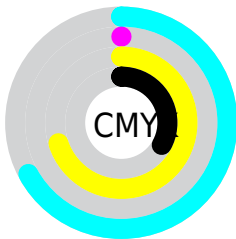
Blue (20%)



Red (20%)

Yellow (67%)

Blue (66%)

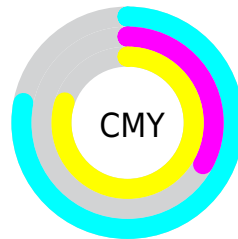


Cyan (67%)

Magenta (0%)

Yellow (70%)

Black (33%)



Cyan (78%)

Magenta (33%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38AC34 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 38AC34 by changing the saturation by 10% instead.



38AC34



38AC34

FFFFFF



079117



76E469



007600



93FF84



005D00



B1FF9F



004400



CEFFBB



002E00



ECFFD7



000E00



FFFFFF4



000000



38AC34



38AC34



27AC23



49AC45

■ 17AC12

■ 59AC56

■ 06AC00

■ 6AAC68

■ 7BAC79

■ 8BAC8A

■ 9CAC9B

■ ACACAC

■ BDACBE

■ CEACCF

Harmonies

Analogous

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



8F9F00



38AC34



00B278

Triad

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



38AC34



00A6FF



FF5172

Complementary

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



38AC34



A834AC

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.



FE53B4



38AC34



5290FF

Square

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



38AC34



00B1F7



C971F0



F66C34

Rectangle

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



38AC34



00B4A6



C971F0



FF4D88

Sweetspot

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



38AC34



B3E0B1



ACA834



557054



F0F0F0



707070

Same Dimension

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



38AC34



2AE024



34AC6C



4E574E



059600



011700

Inverse Universe

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



A834AC



DA24E0



AC3474



564E57



910096



160017

Previews

White Background



This preview shows how the Hex color 38AC34 looks on a white background.

Color Contrast Check

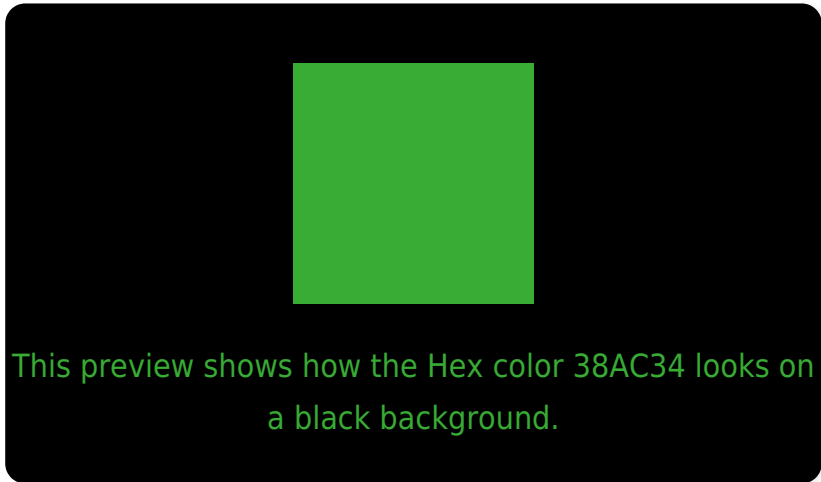
Large Text (above 18pt) WCAG AA × Fail

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

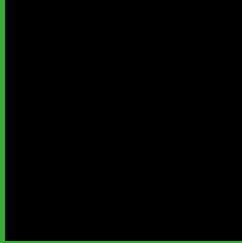
Any Text WCAG AA ✓ Pass

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 38AC34 Background



This preview shows how black text looks on a background with the Hex color 38AC34.

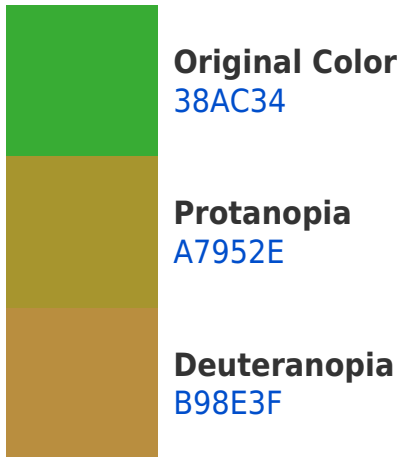


This preview shows how white text looks on a background with the Hex color 38AC34.

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
57A1AE

Trichromacy



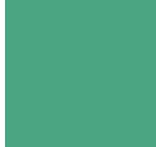
Original Color
38AC34



Protanomaly
7F9D30



Deuteranomaly
8A993B



Tritanomaly
4CA582

Monochromacy



Original Color
38AC34



Achromatopsia
7C7C7C



Achromatomaly
638D62

CSS Examples

Text

The CSS property to change the color of the text to Hex 38AC34 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 #38AC34 looks like.

```
.text, #text, p{  
    color:#38AC34  
}
```

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 #38AC34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38AC34
}
```

Border

The CSS property to change the border of an element to Hex 38AC34 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
#38AC34 }
```

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

```
.border{ border-color:#38AC34 }
```

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

Here you see how a box with a 4 pixel #38AC34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38AC34; -webkit-box-shadow:4px 4px  
4px 4px #38AC34; box-shadow:4px 4px 4px  
4px #38AC34 }
```

Background

The CSS property to change the background color of an element to Hex 38AC34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38AC34 }
```

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

```
.background{ background-color:#38AC34 }
```

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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