

Converting Colors

Hex(34B338)

Have a look what the booklet for
Hex(34B338) contains.

Hex(34B338)	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(34B338)

Conversions

Conversions Part 1

Format	Color
Hex	34B338
RGB	52, 179, 56
RGB Percent	20%, 70%, 22%
CMY	0.7961, 0.2980, 0.7804
CMYK	0.71, 0.00, 0.69, 0.30
HSL	122°, 55%, 45%
HSV	122°, 71%, 70%
XYZ	18.2501, 33.2558, 9.1985
YIQ	127.0050, -36.2090, -65.1770

Conversions

Conversions Part 2

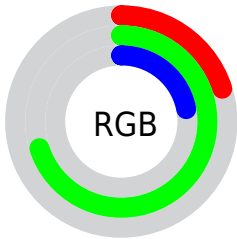
Format	Color
RYB	52, 175, 179
Decimal	3453752
CIELab	64.37, -57.96, 50.81
CIELCh	64, 77.073, 138.760
Yxy	33.2558, 0.3006, 0.5478
Android (android.graphics.Color)	4281643832 (0xFF34B338)
YUV	127.0050, -35.0055, -65.7794
Hunter-Lab	57.6678, -44.4290, 30.9102

Details

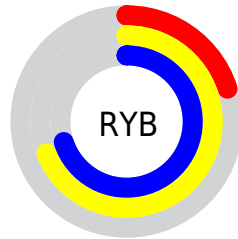
The Hex color **34B338** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B334AF**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74EC6D**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **22B327**, and if you desaturate by 10%, it is **46B349**.

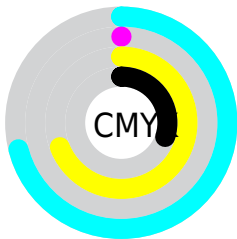
Distribution



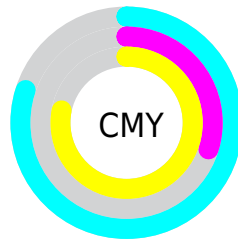
- Red (20%)
- Green (70%)
- Blue (22%)



- Red (20%)
- Yellow (69%)
- Blue (70%)



- Cyan (71%)
- Magenta (0%)
- Yellow (69%)
- Black (30%)



- Cyan (80%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B338 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 34B338 by changing the saturation by 10% instead.



34B338



34B338

FFFFFF



00981B



74EC6D



007D00



92FF88



006300



B0FFA3



004900



CEFFBF



003300



ECFFDC



001800



FFFFFF9



000000



34B338



34B338



22B327



46B349

 10B315

 58B35B

 00B306

 6AB36C

 7CB37D

 8EB38F

 9FB3A0

 B1B3B1

 C3B3C3

 D5B3D4

Harmonies

Analogous

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



92A600



34B338



00BA7F

Triad

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



34B338



00ACFF



FF5474

Complementary

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



34B338



B334AF

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.



FF55B9



34B338



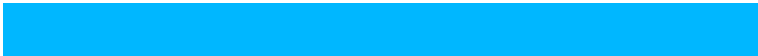
5C95FF

Square

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



34B338



00B7FF



D474F8



FF7134

Rectangle

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



34B338



00BBAF



D474F8



FF508B

Sweetspot

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



34B338



B7E8B9



B1B334



587559



F5F5F5



757575

Same Dimension

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



34B338



23E829



34B376



505951



009905



001A01

Inverse Universe

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



B334AF



E823E2



B33471



595059



990094



1A0019

Previews

White Background



This preview shows how the Hex color 34B338 looks on a white background.

Color Contrast Check

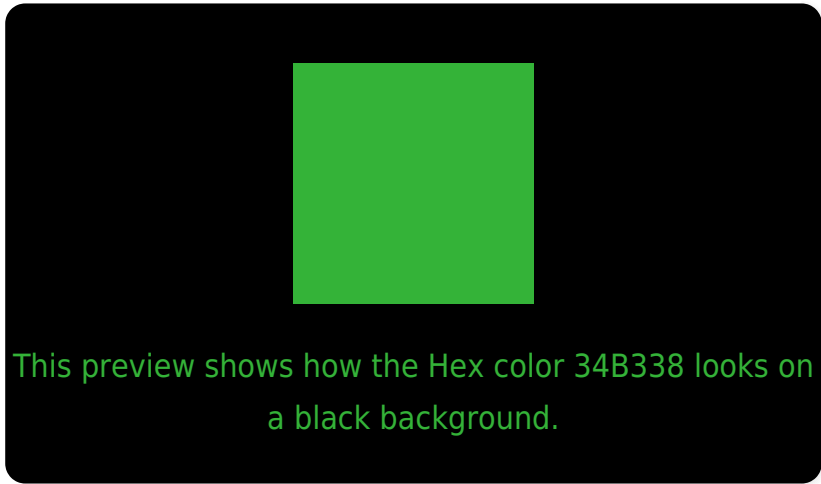
Large Text (above 18pt) WCAG AA × Fail

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 34B338 Background



This preview shows how black text looks on a background with the Hex color 34B338.

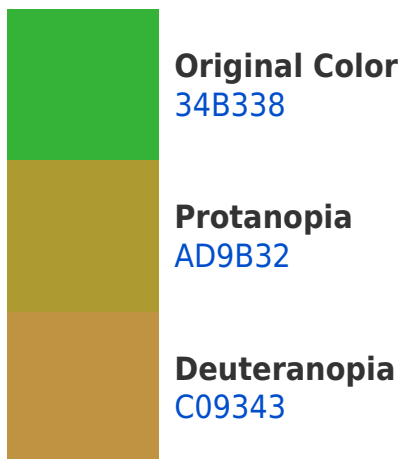


This preview shows how white text looks on a background with the Hex color 34B338.

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
57A7B5

Trichromacy



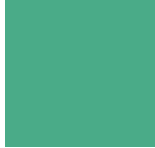
Original Color
34B338



Protanomaly
81A434



Deuteranomaly
8D9F3F



Tritanomaly
4AAB88

Monochromacy



Original Color
34B338



Achromatopsia
7F7F7F



Achromatomaly
649265

CSS Examples

Text

The CSS property to change the color of the text to Hex 34B338 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 #34B338 looks like.

```
.text, #text, p{  
    color:#34B338  
}
```

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 #34B338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B338
}
```

Border

The CSS property to change the border of an element to Hex 34B338 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
#34B338 }
```

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

```
.border{ border-color:#34B338 }
```

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

Here you see how a box with a 4 pixel #34B338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B338; -webkit-box-shadow:4px 4px  
4px 4px #34B338; box-shadow:4px 4px 4px  
4px #34B338 }
```

Background

The CSS property to change the background color of an element to Hex 34B338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B338 }
```

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

```
.background{ background-color:#34B338 }
```

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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