

Converting Colors

Hex(338033)

Have a look what the booklet for
Hex(338033) contains.

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Color

Hex(338033)

Conversions

Conversions Part 1

Format	Color
Hex	338033
RGB	51, 128, 51
RGB Percent	20%, 50%, 20%
CMY	0.8000, 0.4980, 0.8000
CMYK	0.60, 0.00, 0.60, 0.50
HSL	120°, 43%, 35%
HSV	120°, 60%, 50%
XYZ	9.6820, 16.3812, 5.7836
YIQ	96.1990, -21.1750, -40.2710

Conversions

Conversions Part 2

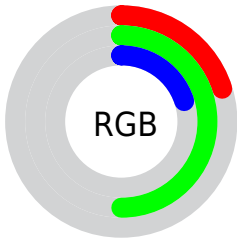
Format	Color
RYB	51, 128, 128
Decimal	3375155
CIELab	47.47, -40.07, 34.25
CIElCh	47, 52.712, 139.475
Yxy	16.3812, 0.3040, 0.5144
Android (android.graphics.Color)	4281565235 (0xFF338033)
YUV	96.1990, -22.2831, -39.6395
Hunter-Lab	40.4737, -28.1288, 19.8592

Details

The Hex color **338033** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **803380**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6AB664**, and **004E01** is the 20% darker color. If you saturate the color by 10%, you get **268026**, and if you desaturate by 10%, it is **408040**.

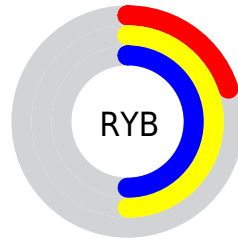
Distribution



Red (20%)

Green (50%)

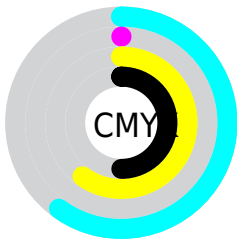
Blue (20%)



Red (20%)

Yellow (50%)

Blue (50%)

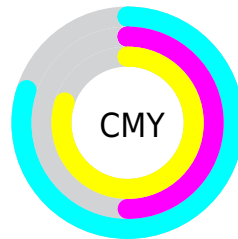


Cyan (60%)

Magenta (0%)

Yellow (60%)

Black (50%)



Cyan (80%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338033 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 338033 by changing the saturation by 10% instead.

 338033

 338033

FFFFFF

 13661B

 6AB664

 004E01

 85D27E

 003600

 A0EE98

 002100

 BDFFB3

 000000

 D9FFCF

 F7FFEC

 338033

 338033

 268026

 408040

■ 198019

■ 4D804D

■ 0D800D

■ 598059

■ 008000

■ 668066

■ 738073

■ 808080

■ 8D808D

■ 998099

■ A680A6

Harmonies

Analogous

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



6B770E



338033



00845F

Triad

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



338033



007AC8



C04756

Complementary

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



338033



803380

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.



B94782



338033



516BC5

Square

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



338033



0083B3



9658AB



B2572E

Rectangle

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



338033



00857E



9658AB



C04564

Sweetspot

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



338033



88A688



808033



425442



D4D4D4



545454

Same Dimension

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



338033



2EA62E



33805A



394039



008000



000000

Inverse Universe

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



803380



A62EA6



80335A



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 338033 looks on a white background.

Color Contrast Check

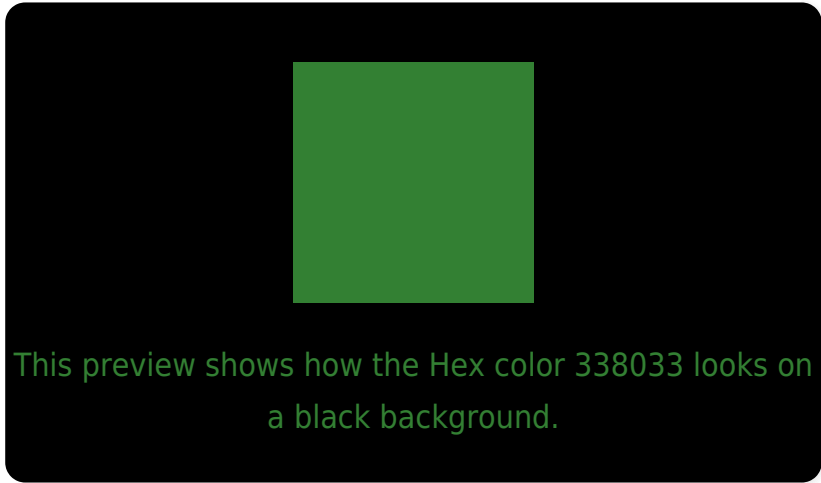
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

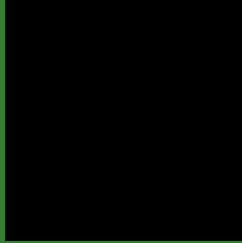
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 338033 Background



This preview shows how black text looks on a background with the Hex color 338033.



This preview shows how white text looks on a background with the Hex color 338033.

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
338033

Protanopia
7D702E

Deuteranopia
8A6B39

Trichromacy



Original Color
338033

Protanomaly
627630

Deuteranomaly
6A7337

Tritanomaly
3F7B65

Monochromacy



Original Color
338033

Achromatopsia
606060

Achromatomaly
506C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 338033 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 #338033 looks like.

```
.text, #text, p{  
    color:#338033  
}
```

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 #338033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338033
}
```

Border

The CSS property to change the border of an element to Hex 338033 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
#338033 }
```

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

```
.border{ border-color:#338033 }
```

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

Here you see how a box with a 4 pixel #338033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338033; -webkit-box-shadow:4px 4px  
4px 4px #338033; box-shadow:4px 4px 4px  
4px #338033 }
```

Background

The CSS property to change the background color of an element to Hex 338033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338033 }
```

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

```
.background{ background-color:#338033 }
```

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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