

Converting Colors

Hex(338041)

Have a look what the booklet for
Hex(338041) contains.

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Color

Hex(338041)

Conversions

Conversions Part 1

Format	Color
Hex	338041
RGB	51, 128, 65
RGB Percent	20%, 50%, 25%
CMY	0.8000, 0.4980, 0.7451
CMYK	0.60, 0.00, 0.49, 0.50
HSL	131°, 43%, 35%
HSV	131°, 60%, 50%
XYZ	10.0385, 16.5238, 7.6614
YIQ	97.7950, -25.6690, -35.9170

Conversions

Conversions Part 2

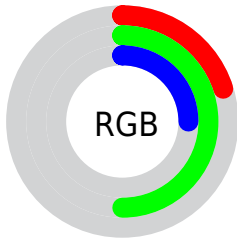
Format	Color
RYB	51, 116, 128
Decimal	3375169
CIELab	47.65, -38.03, 27.18
CIELCh	48, 46.742, 144.443
Yxy	16.5238, 0.2933, 0.4828
Android (android.graphics.Color)	4281565249 (0xFF338041)
YUV	97.7950, -16.1679, -41.0392
Hunter-Lab	40.6495, -27.0553, 17.2800

Details

The Hex color **338041** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **803372**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **69B672**, and **004E13** is the 20% darker color. If you saturate the color by 10%, you get **268037**, and if you desaturate by 10%, it is **40804B**.

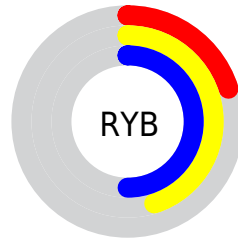
Distribution



Red (20%)

Green (50%)

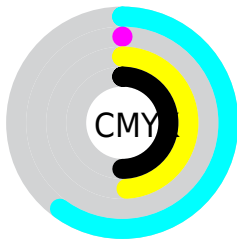
Blue (25%)



Red (20%)

Yellow (45%)

Blue (50%)

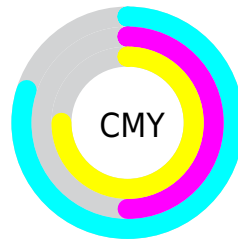


Cyan (60%)

Magenta (0%)

Yellow (49%)

Black (50%)



Cyan (80%)

Magenta (50%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338041 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 338041 by changing the saturation by 10% instead.

 338041

 338041

FFFFFF

 14662A

 69B672

 004E13

 84D18C

 003600

 A0EEA7

 002200

 BCFFC2

 000000

 D8FFDE

 F6FFFB

 338041

 338041

 268037

 40804B

■ 19802C

■ 4D8056

■ 0D8022

■ 598060

■ 008017

■ 66806B

■ 738075

■ 808080

■ 8D808A

■ 998095

■ A6809F

Harmonies

Analogous

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



667823



338041



008468

Triad

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



338041



0078BF



B85053

Complementary

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



338041



803372

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.



B44D7A



338041



656AB9

Square

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



338041



0080B1



9A599F



A95D31

Rectangle

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



338041



008483



9A599F



B94D60

Sweetspot

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



338041



88A68D



738033



425445



D4D4D4



545454

Same Dimension

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



338041



2EA644



338066



39403B



008017



000000

Inverse Universe

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



803372



A62E90



80334D



40393F



800068



000000

Previews

White Background



This preview shows how the Hex color 338041 looks on a white background.

Color Contrast Check

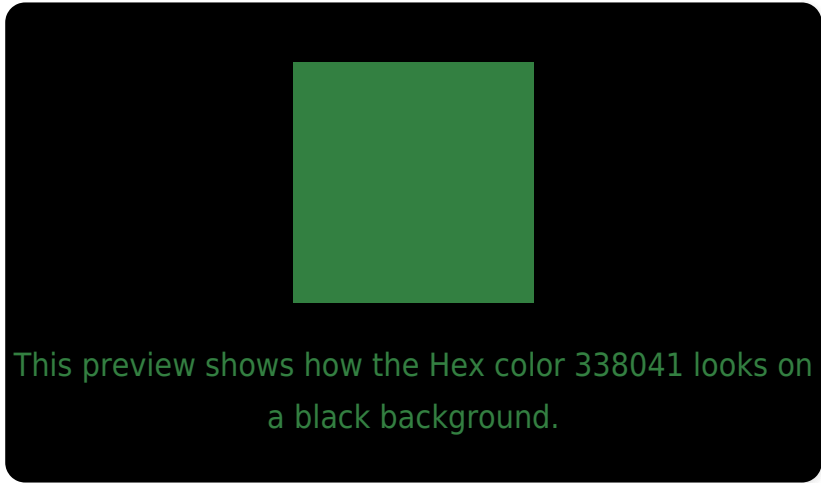
Large Text (above 18pt) WCAG AA ✓ Pass

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 338041 Background



This preview shows how black text looks on a background with the Hex color 338041.



This preview shows how white text looks on a background with the Hex color 338041.

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
338041

Protanopia
7C713C

Deuteranopia
886B46



Tritanopia
447982

Trichromacy



Original Color
338041

Protanomaly
61763E

Deuteranomaly
697344

Tritanomaly
3E7C6A

Monochromacy



Original Color
338041

Achromatopsia
626262

Achromatomaly
516D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 338041 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 #338041 looks like.

```
.text, #text, p{  
    color:#338041  
}
```

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 #338041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338041
}
```

Border

The CSS property to change the border of an element to Hex 338041 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
#338041 }
```

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

```
.border{ border-color:#338041 }
```

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

Here you see how a box with a 4 pixel #338041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338041; -webkit-box-shadow:4px 4px  
4px 4px #338041; box-shadow:4px 4px 4px  
4px #338041 }
```

Background

The CSS property to change the background color of an element to Hex 338041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338041 }
```

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

```
.background{ background-color:#338041 }
```

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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