

Converting Colors

Hex(338118)

Have a look what the booklet for
Hex(338118) contains.

Hex(338118)	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(338118)

Conversions

Conversions Part 1

Format	Color
Hex	338118
RGB	51, 129, 24
RGB Percent	20%, 51%, 9%
CMY	0.8000, 0.4941, 0.9059
CMYK	0.60, 0.00, 0.81, 0.49
HSL	105°, 69%, 30%
HSV	105°, 81%, 51%
XYZ	9.3804, 16.4703, 3.5488
YIQ	93.7080, -12.7830, -49.1910

Conversions

Conversions Part 2

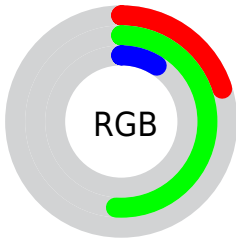
Format	Color
RYB	24, 129, 102
Decimal	3375384
CIELab	47.59, -43.01, 45.74
CIELCh	48, 62.790, 133.237
Yxy	16.4703, 0.3191, 0.5602
Android (android.graphics.Color)	4281565464 (0xFF338118)
YUV	93.7080, -34.3660, -37.4549
Hunter-Lab	40.5836, -29.7633, 23.2239

Details


The Hex color **338118** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **661881**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6BB74D**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **29810B**, and if you desaturate by 10%, it is **3D8125**.

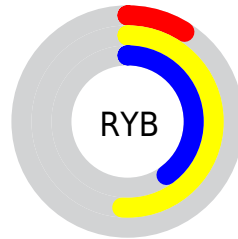
Distribution



 Red (20%)

 Green (51%)

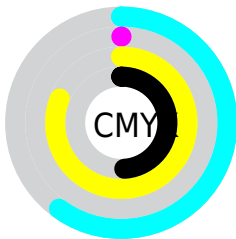
 Blue (9%)




 Red (9%)

 Yellow (51%)

 Blue (40%)

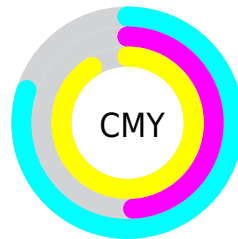


 Cyan (60%)


 Magenta (0%)

 Yellow (81%)

 Black (49%)



 Cyan (80%)

 Magenta (49%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338118 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 338118 by changing the saturation by 10% instead.



338118



338118

FFFFFF



106700



6BB74D



004E00



87D367



003700



A3EF81



002200



BFFF9C



000000



DCFFB8



FAFFD4



FFFFFF1



338118



338118

■ 29810B

■ 3D8125

■ 218100

■ 468132

■ 50813F

■ 59814C

■ 638159

■ 6C8165

■ 768172

■ 80817F

■ 89818C

Harmonies

Analogous

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



737600



338118



008750

Triad

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



338118



007FD7



CE365C

Complementary

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



338118



661881

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.



C03C91



338118



016FD9

Square

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



338118



0087B9



9057BF



C14B2A

Rectangle

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



338118



008875



9057BF



CC346D

Sweetspot

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



338118



8AA880



816518



42543C



D4D4D4



545454

Same Dimension

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



338118



2EA803



188131



3B4039



218000



000000

Inverse Universe

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



661881



7E03A8



811868



3E3940



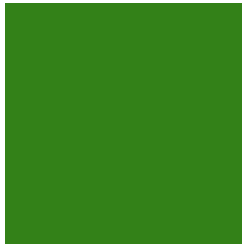
5F0080



000000

Previews

White Background



This preview shows how the Hex color 338118 looks on a white background.

Color Contrast Check

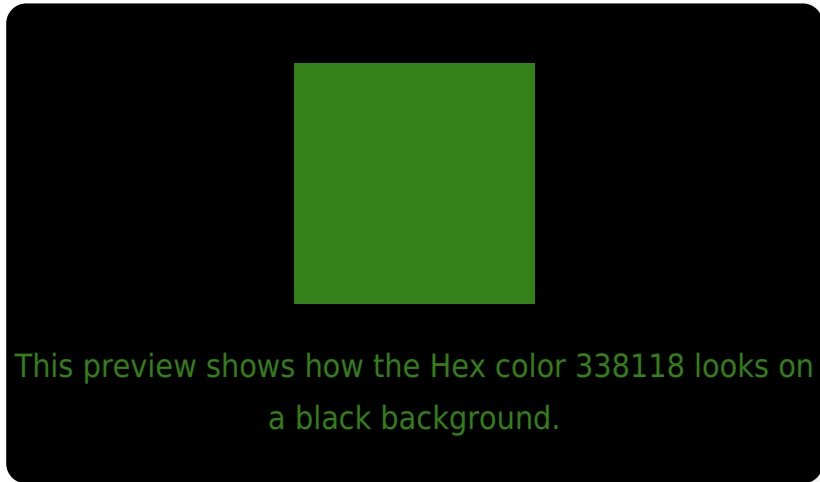
Large Text (above 18pt) WCAG AA ✓ Pass

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

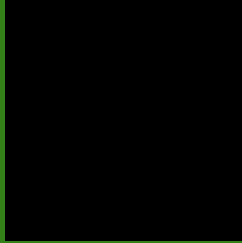
Any Text WCAG AA × Fail

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 338118 Background



This preview shows how black text looks on a background with the Hex color 338118.



This preview shows how white text looks on a background with the Hex color 338118.

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
338118

Protanopia
7E7114

Deuteranopia
8D6B23



Tritanopia
487882

Trichromacy



Original Color
338118

Protanomaly
637715

Deuteranomaly
6C731F

Tritanomaly
407B5B

Monochromacy



Original Color
338118

Achromatopsia
5E5E5E

Achromatomaly
4E6B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 338118 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 #338118 looks like.

```
.text, #text, p{  
    color:#338118  
}
```

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 #338118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338118
}
```

Border

The CSS property to change the border of an element to Hex 338118 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
#338118 }
```

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

```
.border{ border-color:#338118 }
```

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

Here you see how a box with a 4 pixel #338118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338118; -webkit-box-shadow:4px 4px  
4px 4px #338118; box-shadow:4px 4px 4px  
4px #338118 }
```

Background

The CSS property to change the background color of an element to Hex 338118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338118 }
```

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

```
.background{ background-color:#338118 }
```

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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