

# Converting Colors

Hex(338632)

Have a look what the booklet for  
Hex(338632) contains.

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# Color

Hex(338632)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	338632
RGB	51, 134, 50
RGB Percent	20%, 53%, 20%
CMY	0.8000, 0.4745, 0.8039
CMYK	0.62, 0.00, 0.63, 0.47
HSL	119°, 46%, 36%
HSV	119°, 63%, 53%
XYZ	10.4661, 17.9843, 5.9373
YIQ	99.6070, -22.5040, -43.7200

# Conversions

## Conversions Part 2

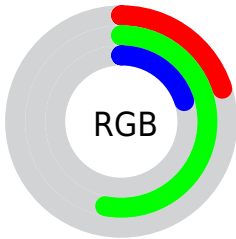
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 134, 133
Decimal	3376690
CIELab	49.48, -42.57, 37.05
CIELCh	49, 56.438, 138.969
Yxy	17.9843, 0.3044, 0.5230
Android (android.graphics.Color)	4281566770 (0xFF338632)
YUV	99.6070, -24.4563, -42.6283
Hunter-Lab	42.4079, -30.1609, 21.3846

# Details

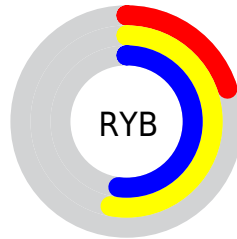
The Hex color **338632** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **853286**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6BBC64**, and **005300** is the 20% darker color. If you saturate the color by 10%, you get **268625**, and if you desaturate by 10%, it is **40863F**.

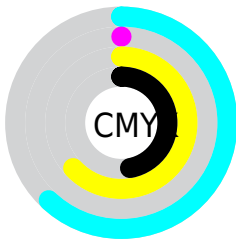
# Distribution



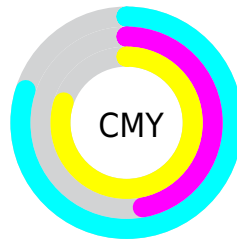
- Red (20%)
- Green (53%)
- Blue (20%)



- Red (20%)
- Yellow (53%)
- Blue (52%)



- Cyan (62%)
- Magenta (0%)
- Yellow (63%)
- Black (47%)



- Cyan (80%)
- Magenta (47%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 338632 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 338632 by changing the saturation by 10% instead.





338632



338632

FFFFFF



106C19



6BBC64



005300



86D87D



003B00



A2F598



002700



BFFFB3



000000



DBFFCF



F9FFEB



338632



338632



268625



40863F

 198617

 4D864D

 0B860A

 5B865A

 028600

 688668

 758675

 828682

 908690

 9D869D

 AA86AB

# Harmonies

## Analogous

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



707C05



338632



008B62

# Triad

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



338632



0080D4



CB4759

# Complementary

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



338632



853286

# 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.



C34889



338632



5070D1

# Square

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



338632



0089BD



9D5BB5



BC592E

# Rectangle

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



338632



008C83



9D5BB5



CB4569



# Sweetspot

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



338632



8DAD8C



868532



435743



D6D6D6



575757



# Same Dimension

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



338632



2DAD2B



32865B



3C423C



028200



000300



# Inverse Universe

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



853286



AC2BAD



86325D



423C42



810082



030003



# Previews

## White Background



This preview shows how the Hex color 338632 looks on a white background.

## Color Contrast Check

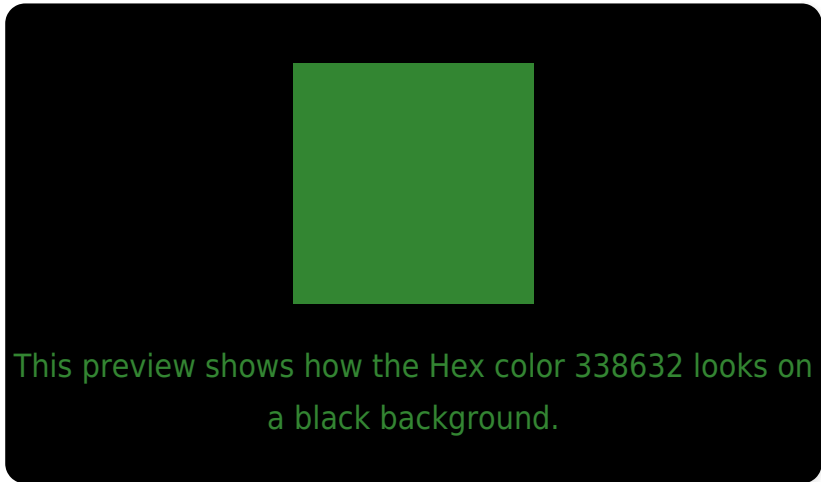
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 338632 Background



This preview shows how black text looks on a background with the Hex color 338632.



This preview shows how white text looks on a background with the Hex color 338632.

# 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**  
338632

**Protanopia**  
82752D

**Deuteranopia**  
906F39



**Tritanopia**  
487E88

# Trichromacy



**Original Color**  
338632

**Protanomaly**  
657B2F

**Deuteranomaly**  
6E7736

**Tritanomaly**  
408169

# Monochromacy



**Original Color**  
338632

**Achromatopsia**  
646464

**Achromatomaly**  
527052

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 338632 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 #338632 looks like.

```
.text, #text, p{  
    color:#338632  
}
```

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 #338632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338632
}
```

## Border

The CSS property to change the border of an element to Hex 338632 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
#338632 }
```

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

```
.border{ border-color:#338632 }
```

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

Here you see how a box with a 4 pixel #338632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338632; -webkit-box-shadow:4px 4px  
4px 4px #338632; box-shadow:4px 4px 4px  
4px #338632 }
```

# Background

The CSS property to change the background color of an element to Hex 338632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338632 }
```

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

```
.background{ background-color:#338632 }
```

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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