

Converting Colors

Hex(348937)

Have a look what the booklet for
Hex(348937) contains.

Hex(348937)	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(348937)

Conversions

Conversions Part 1

Format	Color
Hex	348937
RGB	52, 137, 55
RGB Percent	20%, 54%, 22%
CMY	0.7961, 0.4627, 0.7843
CMYK	0.62, 0.00, 0.60, 0.46
HSL	122°, 45%, 37%
HSV	122°, 62%, 54%
XYZ	11.0514, 18.8972, 6.6795
YIQ	102.2370, -24.3380, -43.5220

Conversions

Conversions Part 2

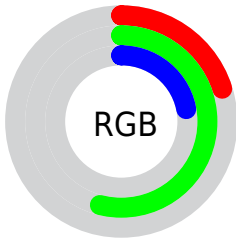
Format	Color
RYB	52, 134, 137
Decimal	3442999
CIELab	50.57, -42.88, 35.89
CIElCh	51, 55.922, 140.072
Yxy	18.8972, 0.3017, 0.5159
Android (android.graphics.Color)	4281633079 (0xFF348937)
YUV	102.2370, -23.2878, -44.0578
Hunter-Lab	43.4709, -30.6949, 21.3195

Details

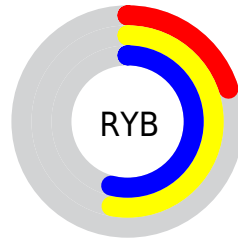
The Hex color **348937** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **893486**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6CBF69**, and **005603** is the 20% darker color. If you saturate the color by 10%, you get **26892A**, and if you desaturate by 10%, it is **428944**.

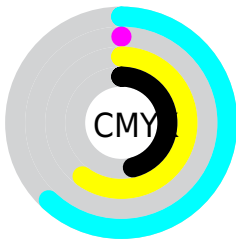
Distribution



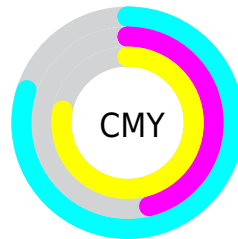
- Red (20%)
- Green (54%)
- Blue (22%)



- Red (20%)
- Yellow (53%)
- Blue (54%)



- Cyan (62%)
- Magenta (0%)
- Yellow (60%)
- Black (46%)



- Cyan (80%)
- Magenta (46%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Hex color 348937 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 348937 by changing the saturation by 10% instead.

 348937

 348937

FFFFFF

 116F1F

 6CBF69

 005603

 88DB82

 003E00

 A3F89D

 002900

 C0FFB8

 000400

 DDFFD4

 000000

 FAFFF1

 348937

 348937

 26892A

 428944

■ 19891D

■ 4F8951

■ 0B890F

■ 5D895F

■ 008905

■ 6B896C

■ 798979

■ 868986

■ 948994

■ A289A1

■ AF89AE

Harmonies

Analogous

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



71800E



348937



008E66

Triad

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



348937



0082D6



CE4B5B

Complementary

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



348937



893486

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.



C64B8A



348937



5872D2

Square

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



348937



008BC1



A25DB6



BE5D30

Rectangle

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



348937



008F88



A25DB6



CE496A

Sweetspot

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



348937



91B392



868934



455945



D9D9D9



595959

Same Dimension

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



348937



2EB333



348961



3E453E



008505



000500

Inverse Universe

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



893486



B32EAE



89345C



453E45



850080



050005

Previews

White Background



This preview shows how the Hex color 348937 looks on a white background.

Color Contrast Check

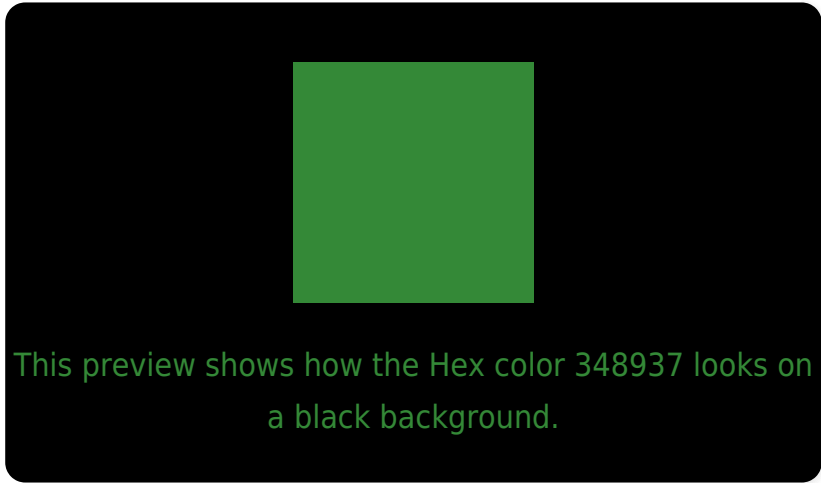
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

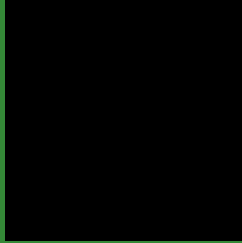
Any Text WCAG AA ✓ Pass

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 348937 Background



This preview shows how black text looks on a background with the Hex color 348937.



This preview shows how white text looks on a background with the Hex color 348937.

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](#).

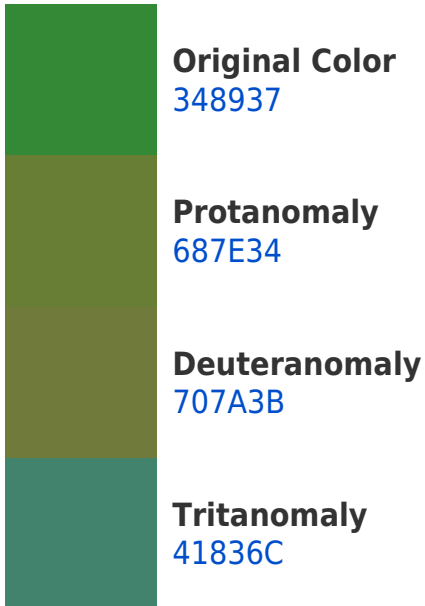
Dichromacy





Tritanopia
49808B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 348937 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 #348937 looks like.

```
.text, #text, p{  
    color:#348937  
}
```

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 #348937 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #348937
}
```

Border

The CSS property to change the border of an element to Hex 348937 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
#348937 }
```

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

```
.border{ border-color:#348937 }
```

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

Here you see how a box with a 4 pixel #348937 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #348937; -webkit-box-shadow:4px 4px  
4px 4px #348937; box-shadow:4px 4px 4px  
4px #348937 }
```

Background

The CSS property to change the background color of an element to Hex 348937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#348937 }
```

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

```
.background{ background-color:#348937 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor