

Converting Colors

Hex(346838)

Have a look what the booklet for
Hex(346838) contains.

Hex(346838)	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(346838)

Conversions

Conversions Part 1

Format	Color
Hex	346838
RGB	52, 104, 56
RGB Percent	20%, 41%, 22%
CMY	0.7961, 0.5922, 0.7804
CMYK	0.50, 0.00, 0.46, 0.59
HSL	125°, 33%, 31%
HSV	125°, 50%, 41%
XYZ	7.0803, 10.9162, 5.4753
YIQ	82.9800, -15.5840, -25.9520

Conversions

Conversions Part 2

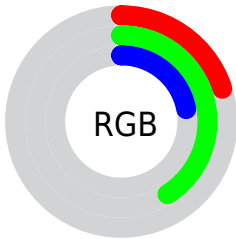
Format	Color
R _Y B	52, 100, 104
Decimal	3434552
CIE Lab	39.44, -28.58, 21.76
CIE LCh	39, 35.923, 142.710
Yxy	10.9162, 0.3017, 0.4651
Android (android.graphics.Color)	4281624632 (0xFF346838)
YUV	82.9800, -13.3011, -27.1695
Hunter-Lab	33.0397, -19.5675, 13.3024

Details

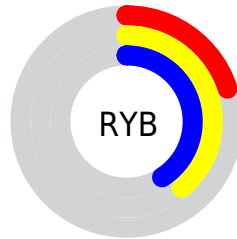
The Hex color **346838** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683464**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **669C68**, and **00380C** is the 20% darker color. If you saturate the color by 10%, you get **2A682E**, and if you desaturate by 10%, it is **3E6842**.

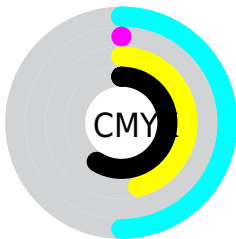
Distribution



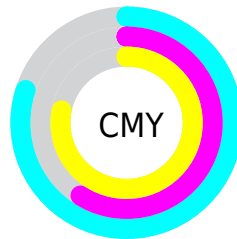
- Red (20%)
- Green (41%)
- Blue (22%)



- Red (20%)
- Yellow (39%)
- Blue (41%)



- Cyan (50%)
- Magenta (0%)
- Yellow (46%)
- Black (59%)



- Cyan (80%)
- Magenta (59%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346838 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 346838 by changing the saturation by 10% instead.



346838



346838

FFFFFF



1B5022



669C68



00380C



80B781



002300



9BD29B



000000



B7EFB6



D3FFD2



EFFFEE



346838



346838



2A682E



3E6842

■ 1F6825

■ 49684B

■ 15681B

■ 536855

■ 0A6812

■ 5E685E

■ 006808

■ 686868

■ 726872

■ 7D687B

■ 876885

■ 92688E

Harmonies

Analogous

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



586224



346838



006B55

Triad

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



346838



006297



934548

Complementary

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



346838



683464

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.



8F4465



346838



535893

Square

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



346838



00698B



7A4C81



894E2F

Rectangle

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



346838



006C69



7A4C81



934452

Sweetspot

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



346838



738774



656834



384539



C4C4C4



454545

Same Dimension

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



346838



36873C



346851



2E332E



007309



00F213

Inverse Universe

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



683464



873681



68344B



332E33



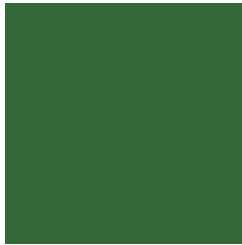
73006A



F200E0

Previews

White Background



This preview shows how the Hex color 346838 looks on a white background.

Color Contrast Check

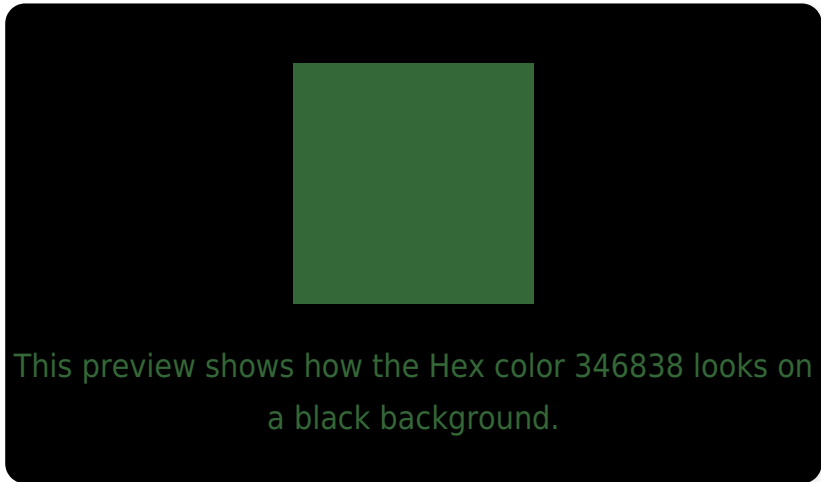
Large Text (above 18pt) WCAG AA ✓ Pass

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

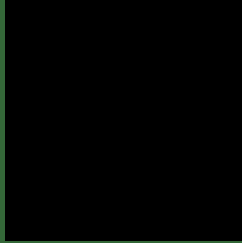
Any Text WCAG AA × Fail

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 346838 Background



This preview shows how black text looks on a background with the Hex color 346838.



This preview shows how white text looks on a background with the Hex color 346838.

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
346838

Protanopia
665D34

Deuteranopia
6F583C



Tritanopia
3F626A

Trichromacy



Original Color
346838

Protanomaly
546135

Deuteranomaly
5A5E3B

Tritanomaly
3B6458

Monochromacy



Original Color
346838

Achromatopsia
535353

Achromatomaly
485B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 346838 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 #346838 looks like.

```
.text, #text, p{  
    color:#346838  
}
```

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 #346838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346838
}
```

Border

The CSS property to change the border of an element to Hex 346838 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
#346838 }
```

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

```
.border{ border-color:#346838 }
```

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

Here you see how a box with a 4 pixel #346838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346838; -webkit-box-shadow:4px 4px  
4px 4px #346838; box-shadow:4px 4px 4px  
4px #346838 }
```

Background

The CSS property to change the background color of an element to Hex 346838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346838 }
```

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

```
.background{ background-color:#346838 }
```

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