

Converting Colors

Hex(346839)

Have a look what the booklet for
Hex(346839) contains.

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Color

Hex(346839)

Conversions

Conversions Part 1

Format	Color
Hex	346839
RGB	52, 104, 57
RGB Percent	20%, 41%, 22%
CMY	0.7961, 0.5922, 0.7765
CMYK	0.50, 0.00, 0.45, 0.59
HSL	126°, 33%, 31%
HSV	126°, 50%, 41%
XYZ	7.1050, 10.9261, 5.6054
YIQ	83.0940, -15.9050, -25.6410

Conversions

Conversions Part 2

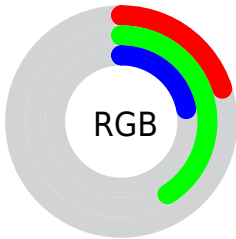
Format	Color
RYB	52, 99, 104
Decimal	3434553
CIELab	39.46, -28.41, 21.21
CIElCh	39, 35.453, 143.250
Yxy	10.9261, 0.3006, 0.4623
Android (android.graphics.Color)	4281624633 (0xFF346839)
YUV	83.0940, -12.8643, -27.2694
Hunter-Lab	33.0547, -19.4776, 13.0839

Details

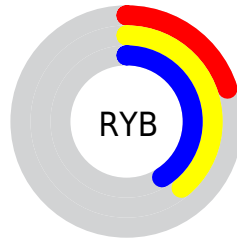
The Hex color **346839** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **683463**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **669C69**, and **00380D** is the 20% darker color. If you saturate the color by 10%, you get **2A6830**, and if you desaturate by 10%, it is **3E6842**.

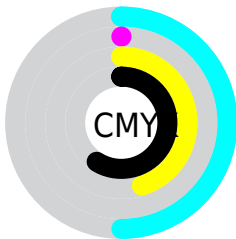
Distribution



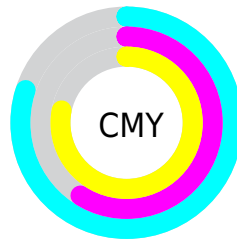
- Red (20%)
- Green (41%)
- Blue (22%)



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



- Cyan (50%)
- Magenta (0%)
- Yellow (45%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 346839 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 346839 by changing the saturation by 10% instead.



346839



346839

FFFFFF



1B5023



669C69



00380D



80B782



002300



9BD29C



000000



B7EFB7



D3FFD3



EFFFEF



346839



346839



2A6830



3E6842

 1F6826

 49684C

 15681D

 536855

 0A6813

 5E685F

 00680A

 686868

 726871

 7D687B

 876884

 92688E

Harmonies

Analogous

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



576225



346839



006B55

Triad

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



346839



006296



924648

Complementary

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



346839



683463

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



346839



545892

Square

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



346839



00688B



7A4C80



884E2F

Rectangle

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



346839



006B69



7A4C80



934451

Sweetspot

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



346839



738775



646834



38453A



C4C4C4



454545

Same Dimension

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



346839



36873E



346852



2E332E



00730B



00F217

Inverse Universe

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



683463



87367F



68344A



332E33



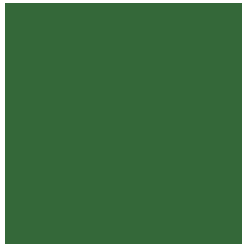
730068



F200DB

Previews

White Background



This preview shows how the Hex color 346839 looks on a white background.

Color Contrast Check

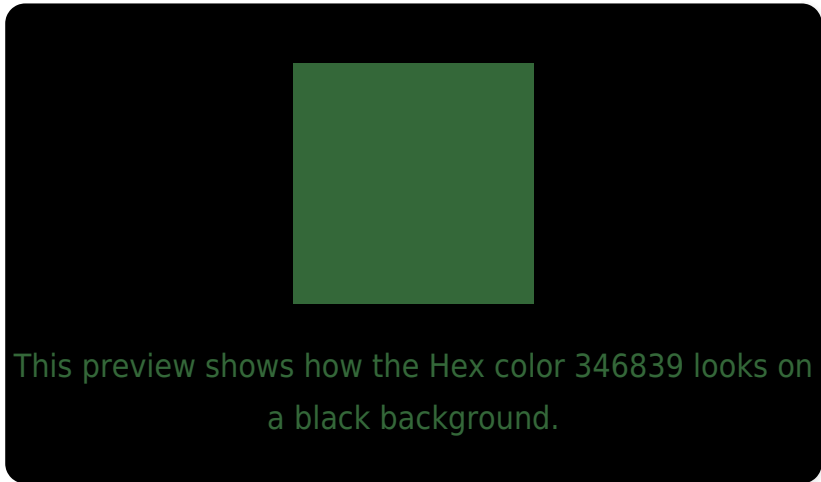
Large Text (above 18pt) WCAG AA ✓ Pass

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

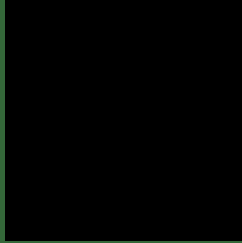
Any Text WCAG AA × Fail

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 346839 Background



This preview shows how black text looks on a background with the Hex color 346839.



This preview shows how white text looks on a background with the Hex color 346839.

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
346839

Protanopia
665D35

Deuteranopia
6F583D



Tritanopia
3F626A

Trichromacy



Original Color
346839

Protanomaly
546136

Deuteranomaly
5A5E3C

Tritanomaly
3B6458

Monochromacy



Original Color
346839

Achromatopsia
535353

Achromatomaly
485B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 346839 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 #346839 looks like.

```
.text, #text, p{  
    color:#346839  
}
```

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 #346839 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346839
}
```

Border

The CSS property to change the border of an element to Hex 346839 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".

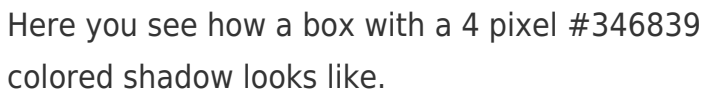
```
.border, #border, table{ border:4px solid
#346839 }
```

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

```
.border{ border-color:#346839 }
```

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

Here you see how a box with a 4 pixel #346839 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346839; -webkit-box-shadow:4px 4px  
4px 4px #346839; box-shadow:4px 4px 4px  
4px #346839 }
```

Background

The CSS property to change the background color of an element to Hex 346839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346839 }
```

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

```
.background{ background-color:#346839 }
```

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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