

Converting Colors

Hex(346340)

Have a look what the booklet for
Hex(346340) contains.

Hex(346340)	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(346340)

Conversions

Conversions Part 1

Format	Color
Hex	346340
RGB	52, 99, 64
RGB Percent	20%, 39%, 25%
CMY	0.7961, 0.6118, 0.7490
CMYK	0.47, 0.00, 0.35, 0.61
HSL	135°, 31%, 30%
HSV	135°, 47%, 39%
XYZ	6.8034, 10.0239, 6.4267
YIQ	80.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

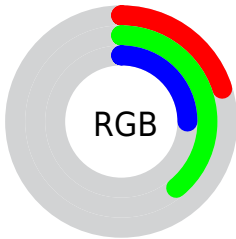
Format	Color
RYB	52, 89, 99
Decimal	3433280
CIELab	37.89, -24.66, 15.04
CIELCh	38, 28.883, 148.631
Yxy	10.0239, 0.2926, 0.4311
Android (android.graphics.Color)	4281623360 (0xFF346340)
YUV	80.9570, -8.3598, -25.3953
Hunter-Lab	31.6606, -17.0487, 10.1272

Details

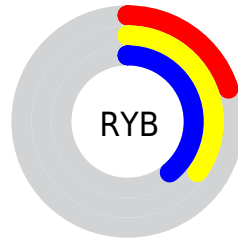
The Hex color **346340** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **633457**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **659670**, and **013415** is the 20% darker color. If you saturate the color by 10%, you get **2A6339**, and if you desaturate by 10%, it is **3E6347**.

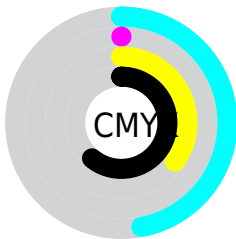
Distribution



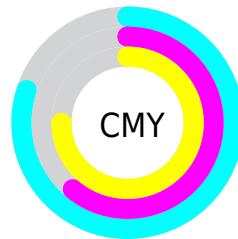
- Red (20%)
- Green (39%)
- Blue (25%)



- Red (20%)
- Yellow (35%)
- Blue (39%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (61%)



- Cyan (80%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346340 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 346340 by changing the saturation by 10% instead.

 346340

 346340

FFFFFF

 1C4B2A

 659670

 013415

 7FB18A

 002000

 9ACDA4

 000000

 B5E9BF

 D1FFDB

 EEEFF7

 346340

 346340

 2A6339

 3E6347

■ 206331

■ 48634F

■ 16632A

■ 526356

■ 0C6323

■ 5C635D

■ 03631B

■ 666365

■ 006319

■ 6F636C

■ 796374

■ 83637B

■ 8D6382

Harmonies

Analogous

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



515E2F



346340



006557

Triad

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



346340



305C88



854844

Complementary

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



346340



633457

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.



84465B



346340



595382

Square

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



346340



006280



754B72



7B4F32

Rectangle

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



346340



006567



754B72



86474B

Sweetspot

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



346340



6E8072



576334



354038



BFBFBF



404040

Same Dimension

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



346340



378049



346357



2C302D



00701D



00F03D

Inverse Universe

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



633457



80376D



633440



302C2F



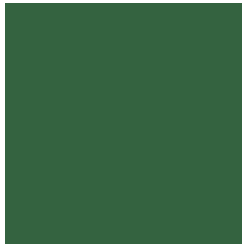
700054



F000B3

Previews

White Background



This preview shows how the Hex color 346340 looks on a white background.

Color Contrast Check

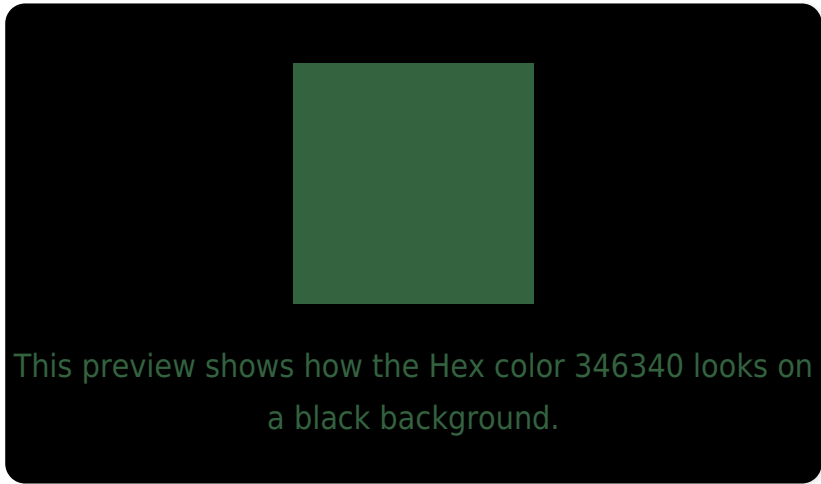
Large Text (above 18pt) WCAG AA ✓ Pass

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

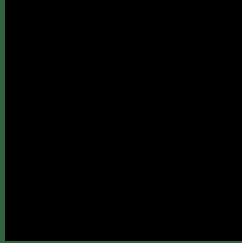
Any Text WCAG AA × Fail

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 346340 Background



This preview shows how black text looks on a background with the Hex color 346340.



This preview shows how white text looks on a background with the Hex color 346340.

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
346340

Protanopia
60593C

Deuteranopia
695543



Tritanopia
3D5E66

Trichromacy



Original Color
346340

Protanomaly
505D3D

Deuteranomaly
565A42

Tritanomaly
3A6058

Monochromacy



Original Color
346340

Achromatopsia
515151

Achromatomaly
46584B

CSS Examples

Text

The CSS property to change the color of the text to Hex 346340 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 #346340 looks like.

```
.text, #text, p{  
    color:#346340  
}
```

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 #346340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346340
}
```

Border

The CSS property to change the border of an element to Hex 346340 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".

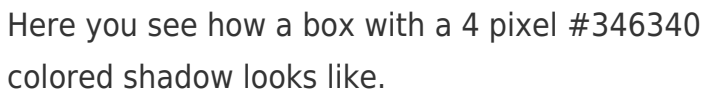
```
.border, #border, table{ border:4px solid
#346340 }
```

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

```
.border{ border-color:#346340 }
```

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

Here you see how a box with a 4 pixel #346340 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346340; -webkit-box-shadow:4px 4px  
4px 4px #346340; box-shadow:4px 4px 4px  
4px #346340 }
```

Background

The CSS property to change the background color of an element to Hex 346340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346340 }
```

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

```
.background{ background-color:#346340 }
```

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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