

Converting Colors

Hex(346700)

Have a look what the booklet for
Hex(346700) contains.

Hex(346700)	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(346700)

Conversions

Conversions Part 1

Format	Color
Hex	346700
RGB	52, 103, 0
RGB Percent	20%, 40%, 0%
CMY	0.7961, 0.5961, 1.0000
CMYK	0.50, 0.00, 1.00, 0.60
HSL	90°, 100%, 20%
HSV	90°, 100%, 40%
XYZ	6.2664, 10.4306, 1.6830
YIQ	76.0090, 2.6670, -42.8450

Conversions

Conversions Part 2

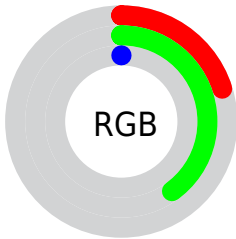
Format	Color
RYB	0, 103, 51
Decimal	3434240
CIELab	38.60, -33.37, 44.33
CIELCh	39, 55.484, 126.977
Yxy	10.4306, 0.3409, 0.5675
Android (android.graphics.Color)	4281624320 (0xFF346700)
YUV	76.0090, -37.4724, -21.0559
Hunter-Lab	32.2964, -21.8846, 19.5178

Details

The Hex color **346700** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **330067**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **699B3A**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **346700**, and if you desaturate by 10%, it is **39670A**.

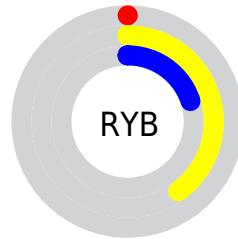
Distribution



Red (20%)

Green (40%)

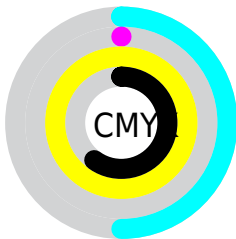
Blue (0%)



Red (0%)

Yellow (40%)

Blue (20%)

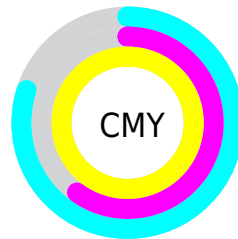


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (80%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 346700 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 346700 by changing the saturation by 10% instead.

 346700

 346700

 FFFFF7

 194F00

 699B3A

 003700

 83B653

 002300

 9FD16D

 000000

 BBEE87

 D7FFA2

 F4FFBE

 FFFFFDA

 346700

 39670A

 3E6715

 43671F

 486729

 4E6734

 53673E

 586748

 5D6752

 62675D

Harmonies

Analogous

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



655C00



346700



006D35

Triad

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



346700



0069AE



A92552

Complementary

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



346700



330067

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.



98327F



346700



005DB5

Square

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



346700



006E90



684AA4



A23527

Rectangle

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



346700



006E55



684AA4



A62661

Sweetspot

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



346700



73875F



673200



39452C



C4C4C4



454545

Same Dimension

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



346700



448700



026700



30332E



3A7300



7AF200

Inverse Universe

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



330067



430087



650067



302E33



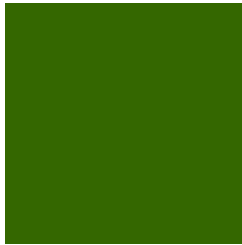
390073



7800F2

Previews

White Background



This preview shows how the Hex color 346700 looks on a white background.

Color Contrast Check

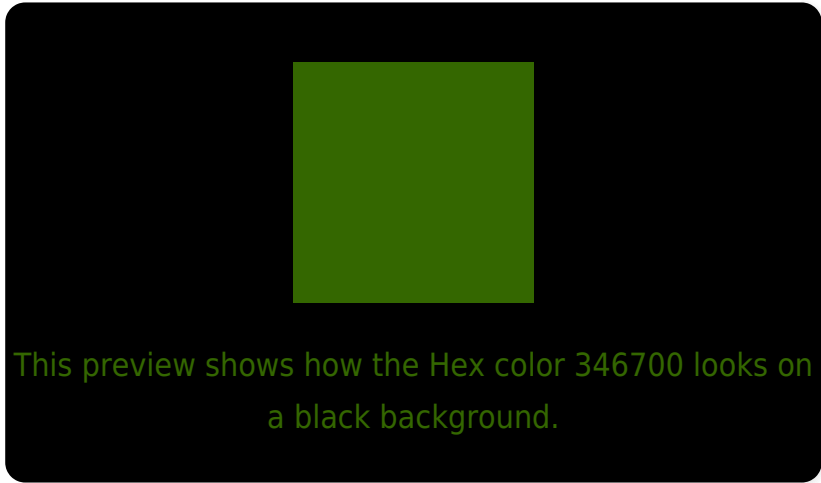
Large Text (above 18pt) WCAG AA ✓ Pass

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

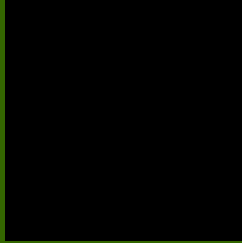
Any Text WCAG AA × Fail

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 346700 Background



This preview shows how black text looks on a background with the Hex color 346700.



This preview shows how white text looks on a background with the Hex color 346700.

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
346700

Protanopia
665B00

Deuteranopia
725615



Tritanopia
426067

Trichromacy



Original Color
346700

Protanomaly
545F00

Deuteranomaly
5B5C0D

Tritanomaly
3D6342

Monochromacy



Original Color
346700

Achromatopsia
4C4C4C

Achromatomaly
435630

CSS Examples

Text

The CSS property to change the color of the text to Hex 346700 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 #346700 looks like.

```
.text, #text, p{  
    color:#346700  
}
```

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 #346700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #346700  
}
```

Border

The CSS property to change the border of an element to Hex 346700 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  
#346700 }
```

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

```
.border{ border-color:#346700 }
```

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

Here you see how a box with a 4 pixel #346700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #346700; -webkit-box-shadow:4px 4px  
4px 4px #346700; box-shadow:4px 4px 4px  
4px #346700 }
```

Background

The CSS property to change the background color of an element to Hex 346700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#346700 }
```

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

```
.background{ background-color:#346700 }
```

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