

Converting Colors

Hex(348006)

Have a look what the booklet for
Hex(348006) contains.

Hex(348006)	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(348006)

Conversions

Conversions Part 1

Format	Color
Hex	348006
RGB	52, 128, 6
RGB Percent	20%, 50%, 2%
CMY	0.7961, 0.4980, 0.9765
CMYK	0.59, 0.00, 0.95, 0.50
HSL	97°, 91%, 26%
HSV	97°, 95%, 50%
XYZ	9.1682, 16.1816, 2.8124
YIQ	91.3680, -6.1340, -54.0540

Conversions

Conversions Part 2

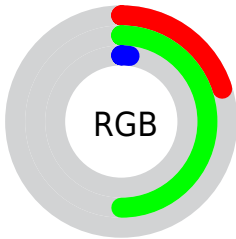
Format	Color
RYB	6, 128, 82
Decimal	3440646
CIELab	47.21, -43.16, 49.87
CIELCh	47, 65.947, 130.875
Yxy	16.1816, 0.3256, 0.5746
Android (android.graphics.Color)	4281630726 (0xFF348006)
YUV	91.3680, -42.0864, -34.5257
Hunter-Lab	40.2263, -29.7130, 24.0131

Details

The Hex color **348006** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **520680**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **6CB643**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **308000**, and if you desaturate by 10%, it is **3C8013**.

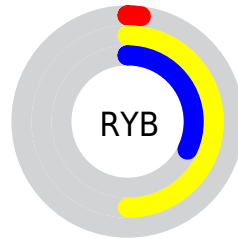
Distribution



Red (20%)

Green (50%)

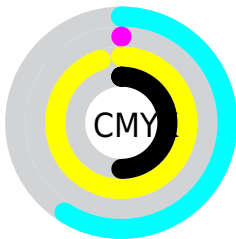
Blue (2%)



Red (2%)

Yellow (50%)

Blue (32%)

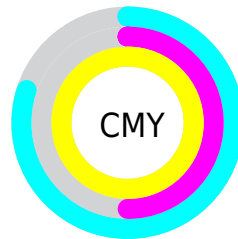


Cyan (59%)

Magenta (0%)

Yellow (95%)

Black (50%)



Cyan (80%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 348006 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 348006 by changing the saturation by 10% instead.



348006



348006

FFFFFF



116600



6CB643



004E00



88D25D



003600



A4EE77



002100



C1FF92



000000



DEFFAE



FBFFCA



FFFFE7



348006



348006

■ 308000

■ 3C8013

■ 448020

■ 4C802C

■ 548039

■ 5C8046

■ 648053

■ 6C8060

■ 74806C

■ 7C8079

Harmonies

Analogous

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



757400



348006



008649

Triad

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



348006



0080D9



D12D5E

Complementary

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



348006



520680

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.



C03896



348006



0070DE

Square

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



348006



0087B8



8A57C5



C54429

Rectangle

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



348006



008870



8A57C5



CF2C71

Sweetspot

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



348006



88A676



805106



425437



D4D4D4



545454

Same Dimension

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



348006



3EA600



068014



3C4039



308000



000000

Inverse Universe

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



520680



6700A6



800672



3D3940



4F0080



000000

Previews

White Background



This preview shows how the Hex color 348006 looks on a white background.

Color Contrast Check

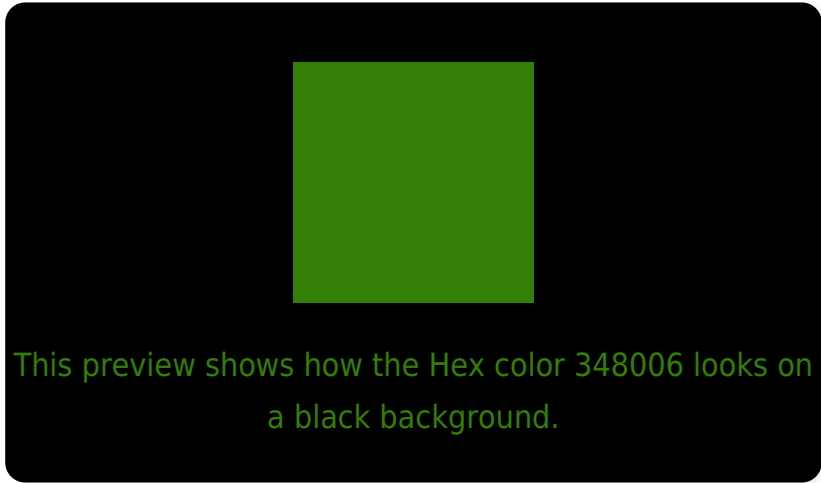
Large Text (above 18pt) WCAG AA ✓ Pass

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

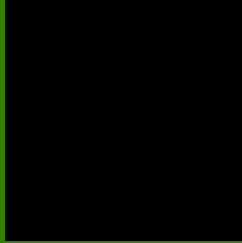
Any Text WCAG AA × Fail

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 348006 Background



This preview shows how black text looks on a background with the Hex color 348006.



This preview shows how white text looks on a background with the Hex color 348006.

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
348006

Protanopia
7E7000

Deuteranopia
8C6A1B



Tritanopia
487781

Trichromacy



Original Color

348006



Protanomaly

637602



Deuteranomaly

6C7213



Tritanomaly

417A54

Monochromacy



Original Color

348006



Achromatopsia

5B5B5B



Achromatomaly

4D683C

CSS Examples

Text

The CSS property to change the color of the text to Hex 348006 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 #348006 looks like.

```
.text, #text, p{  
    color:#348006  
}
```

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 #348006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #348006
}
```

Border

The CSS property to change the border of an element to Hex 348006 is called "border". The border property can be set on classes, ids or directly on the HTML element.

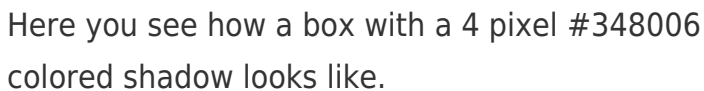
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#348006 }
```

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

```
.border{ border-color:#348006 }
```

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



Here you see how a box with a 4 pixel #348006 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #348006; -webkit-box-shadow:4px 4px  
4px 4px #348006; box-shadow:4px 4px 4px  
4px #348006 }
```

Background

The CSS property to change the background color of an element to Hex 348006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#348006 }
```

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

```
.background{ background-color:#348006 }
```

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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