

Converting Colors

Hex(347700)

Have a look what the booklet for
Hex(347700) contains.

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Color

Hex(347700)

Conversions

Conversions Part 1

Format	Color
Hex	347700
RGB	52, 119, 0
RGB Percent	20%, 47%, 0%
CMY	0.7961, 0.5333, 1.0000
CMYK	0.56, 0.00, 1.00, 0.53
HSL	94°, 100%, 23%
HSV	94°, 100%, 47%
XYZ	8.0130, 13.9237, 2.2652
YIQ	85.4010, -1.7330, -51.2130

Conversions

Conversions Part 2

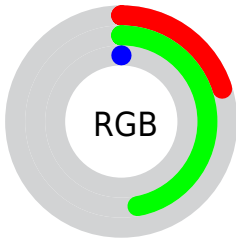
Format	Color
RYB	0, 119, 67
Decimal	3438336
CIELab	44.12, -39.91, 48.65
CIELCh	44, 62.930, 129.362
Yxy	13.9237, 0.3311, 0.5753
Android (android.graphics.Color)	4281628416 (0xFF347700)
YUV	85.4010, -42.1027, -29.2927
Hunter-Lab	37.3145, -26.9689, 22.5209

Details

The Hex color **347700** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **430077**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6BAC3E**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **347700**, and if you desaturate by 10%, it is **3B770C**.

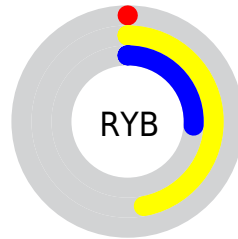
Distribution



Red (20%)

Green (47%)

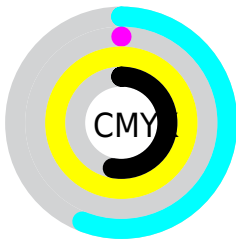
Blue (0%)



Red (0%)

Yellow (47%)

Blue (26%)

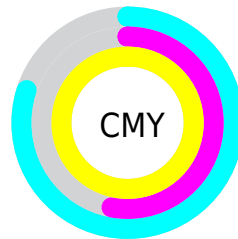


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (80%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347700 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 347700 by changing the saturation by 10% instead.

 347700

 347700

FFFFFFE

 145E00

 6BAC3E

 004500

 86C858

 002F00

 A2E472

 001700

 BFFF8D

 000000

 DBFFA8

 F9FFC4

 FFFFE1

 347700

 3B770C

 417718

 487724

 4F7730

 56773B

 5C7747

 637753

 6A775F

 70776B

Harmonies

Analogous

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



706B00



347700



007D41

Triad

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



347700



0078CB



C3285A

Complementary

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



347700



430077

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.



B2358E



347700



006AD1

Square

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



347700



007EAA



7D52BA



B93E28

Rectangle

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



347700



007F66



7D52BA



C1286C

Sweetspot

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



347700



819C6D



774100



3F4F33



CFCFCF



4F4F4F

Same Dimension

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



347700



449C00



007706



373B35



357A00



6DFA00

Inverse Universe

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



430077



58009C



770071



38353B



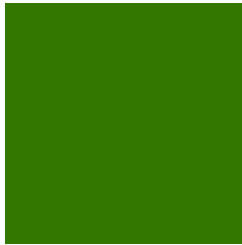
45007A



8D00FA

Previews

White Background



This preview shows how the Hex color 347700 looks on a white background.

Color Contrast Check

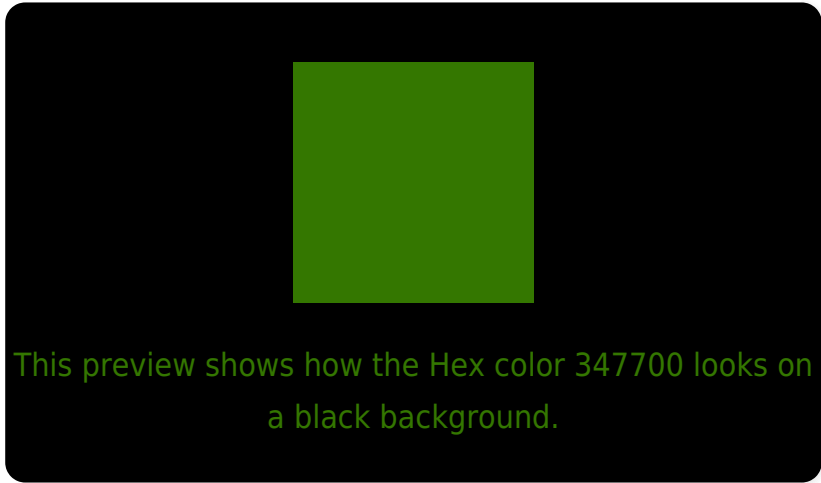
Large Text (above 18pt) WCAG AA ✓ Pass

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 347700 Background



This preview shows how black text looks on a background with the Hex color 347700.



This preview shows how white text looks on a background with the Hex color 347700.

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
347700

Protanopia
756800

Deuteranopia
836319



Tritanopia
466F78

Trichromacy



Original Color
347700

Protanomaly
5D6D00

Deuteranomaly
666A10

Tritanomaly
3F724C

Monochromacy



Original Color
347700

Achromatopsia
555555

Achromatomaly
496136

CSS Examples

Text

The CSS property to change the color of the text to Hex 347700 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 #347700 looks like.

```
.text, #text, p{  
    color:#347700  
}
```

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 #347700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347700
}
```

Border

The CSS property to change the border of an element to Hex 347700 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".

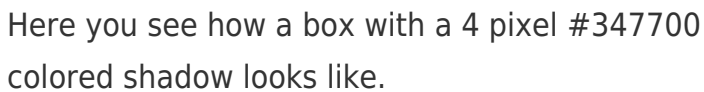
```
.border, #border, table{ border:4px solid
#347700 }
```

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

```
.border{ border-color:#347700 }
```

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

Here you see how a box with a 4 pixel #347700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347700; -webkit-box-shadow:4px 4px  
4px 4px #347700; box-shadow:4px 4px 4px  
4px #347700 }
```

Background

The CSS property to change the background color of an element to Hex 347700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347700 }
```

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

```
.background{ background-color:#347700 }
```

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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