

# Converting Colors

Hex(347D00)

Have a look what the booklet for  
Hex(347D00) contains.

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**Color**

**Hex(347D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	347D00
RGB	52, 125, 0
RGB Percent	20%, 49%, 0%
CMY	0.7961, 0.5098, 1.0000
CMYK	0.58, 0.00, 1.00, 0.51
HSL	95°, 100%, 25%
HSV	95°, 100%, 49%
XYZ	8.7498, 15.3973, 2.5108
YIQ	88.9230, -3.3830, -54.3510

# Conversions

## Conversions Part 2

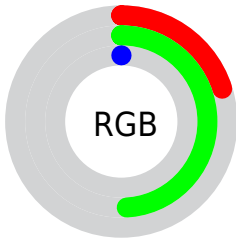
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 125, 73
Decimal	3439872
CIELab	46.17, -42.22, 50.27
CIELCh	46, 65.650, 130.029
Yxy	15.3973, 0.3282, 0.5776
Android (android.graphics.Color)	4281629952 (0xFF347D00)
YUV	88.9230, -43.8390, -32.3815
Hunter-Lab	39.2394, -28.8661, 23.6738

# Details

The Hex color **347D00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **49007D**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6CB23F**, and **004B00** is the 20% darker color. If you saturate the color by 10%, you get **347D00**, and if you desaturate by 10%, it is **3B7D0C**.

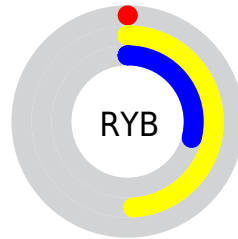
# Distribution



Red (20%)

Green (49%)

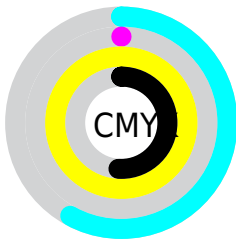
Blue (0%)



Red (0%)

Yellow (49%)

Blue (29%)

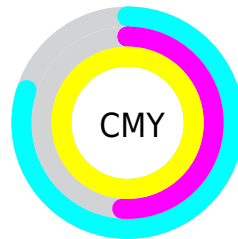


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (80%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347D00 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 347D00 by changing the saturation by 10% instead.



 347D00

 347D00

FFFFFF

 126400

 6CB23F

 004B00

 88CE5A

 003300

 A4EB74

 001E00

 C0FF8F

 000000

 DDFFAA

 FBFFC6


 FFFF E3

 347D00

 3B7D0C

 437D19

 4A7D26

 517D32

 597D3F

 607D4B

 677D57

 6E7D64

 767D71

# Harmonies

## Analogous

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



747100



347D00



008345

# Triad

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



347D00



007ED5



CD295D

# Complementary

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



347D00



49007D

# 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.



BB3694



347D00



006EDB

# Square

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



347D00



0084B3



8555C3



C24129

# Rectangle

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



347D00



00856C



8555C3



CB2970



# Sweetspot

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



347D00



87A372



7D4900



405234



D1D1D1



525252



# Same Dimension

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



347D00



44A300



007D0A



3C4039



358000



000000



# Inverse Universe

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



49007D



5F00A3



7D0073



3D3940



4A0080



000000



# Previews

## White Background



This preview shows how the Hex color 347D00 looks on a white background.

## Color Contrast Check

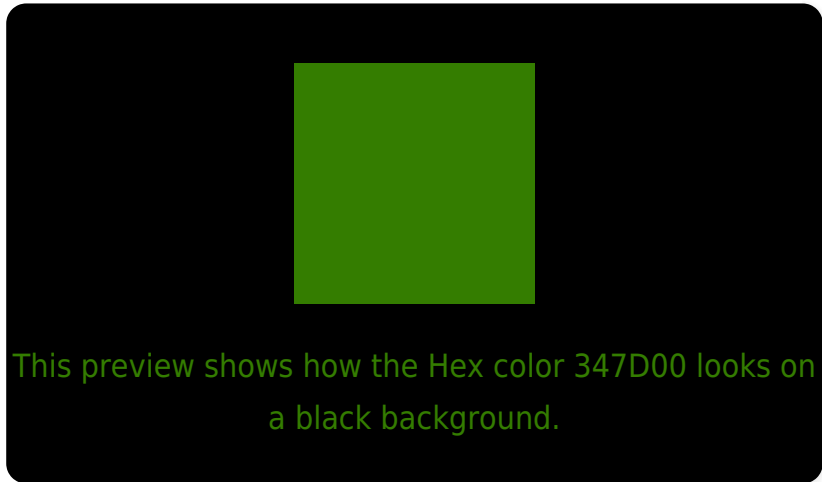
Large Text (above 18pt) WCAG AA ✓ Pass

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 347D00 Background



This preview shows how black text looks on a background with the Hex color 347D00.



This preview shows how white text looks on a background with the Hex color 347D00.

# 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**  
347D00

**Protanopia**  
7B6D00

**Deuteranopia**  
89671A



**Tritanopia**  
48747E

# Trichromacy



**Original Color**  
347D00

**Protanomaly**  
617300

**Deuteranomaly**  
6A6F11

**Tritanomaly**  
417750

# Monochromacy



**Original Color**  
347D00

**Achromatopsia**  
595959

**Achromatomaly**  
4C6639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347D00 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 #347D00 looks like.

```
.text, #text, p{  
    color:#347D00  
}
```

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 #347D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347D00
}
```

## Border

The CSS property to change the border of an element to Hex 347D00 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".

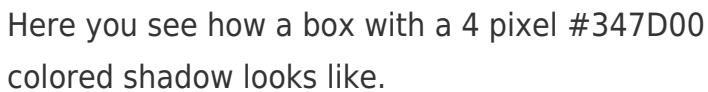
```
.border, #border, table{ border:4px solid
#347D00 }
```

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

```
.border{ border-color:#347D00 }
```

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

Here you see how a box with a 4 pixel #347D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347D00; -webkit-box-shadow:4px 4px  
4px 4px #347D00; box-shadow:4px 4px 4px  
4px #347D00 }
```

# Background

The CSS property to change the background color of an element to Hex 347D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347D00 }
```

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

```
.background{ background-color:#347D00 }
```

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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