

# Converting Colors

Hex(344D00)

Have a look what the booklet for  
Hex(344D00) contains.

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**Color**

**Hex(344D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	344D00
RGB	52, 77, 0
RGB Percent	20%, 30%, 0%
CMY	0.7961, 0.6980, 1.0000
CMYK	0.32, 0.00, 1.00, 0.70
HSL	79°, 100%, 15%
HSV	79°, 100%, 30%
XYZ	4.0701, 6.0378, 0.9509
YIQ	60.7470, 9.8170, -29.2470

# Conversions

## Conversions Part 2

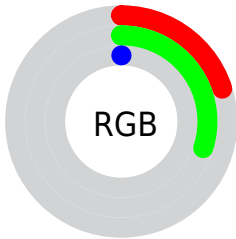
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 25
Decimal	3427584
CIELab	29.51, -21.23, 37.27
CIELCh	30, 42.894, 119.660
Yxy	6.0378, 0.3680, 0.5460
Android (android.graphics.Color)	4281617664 (0xFF344D00)
YUV	60.7470, -29.9483, -7.6711
Hunter-Lab	24.5720, -13.4346, 14.9059

# Details

The Hex color **344D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19004D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **667E33**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **344D00**, and if you desaturate by 10%, it is **374D08**.

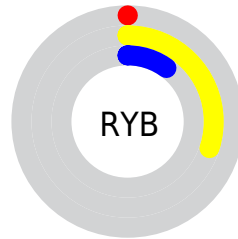
# Distribution



Red (20%)

Green (30%)

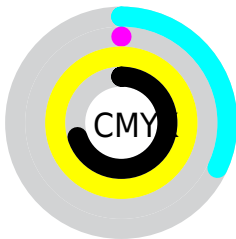
Blue (0%)



Red (0%)

Yellow (30%)

Blue (10%)

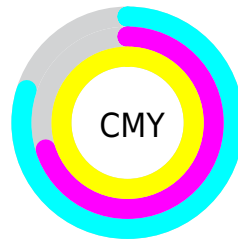


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 344D00 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 344D00 by changing the saturation by 10% instead.



 344D00

 344D00

 FFFFEC

 1D3600

 667E33

 002100

 80984B

 000000

 9BB364

 B6CE7E

 D2EB99

 EFFF84

 FFFF80

 344D00

■ 374D08

■ 394D0F

■ 3B4D17

■ 3E4D1F

■ 414D27

■ 434D2E

■ 464D36

■ 484D3E

■ 4B4D45

# Harmonies

## Analogous

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



554400



344D00



005222

# Triad

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



344D00



00517F



7F2147

# Complementary

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



344D00



19004D

# 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.



6D2C68



344D00



004A88

# Square

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



344D00



005466



423D80



7E2727

# Rectangle

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



344D00



005438



423D80



7B2353



# Sweetspot

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



344D00



5A6346



4D1800



2D3321



B3B3B3



333333



# Same Dimension

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



344D00



436300



0E4D00



252622



456600



9BE600



# Inverse Universe

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



19004D



200063



3F004D



242226



210066

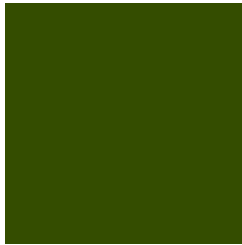


4B00E6



# Previews

## White Background



This preview shows how the Hex color 344D00 looks on a white background.

## Color Contrast Check

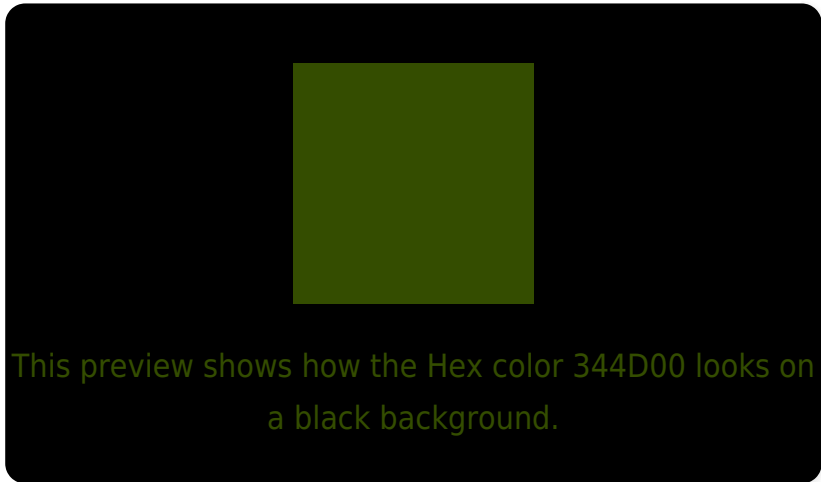
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

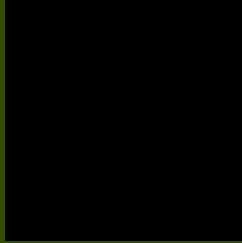
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 344D00 Background



This preview shows how black text looks on a background with the Hex color 344D00.



This preview shows how white text looks on a background with the Hex color 344D00.

# 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](#).

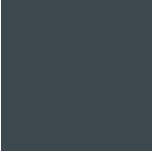
## Dichromacy



**Original Color**  
344D00

**Protanopia**  
4F4600

**Deuteranopia**  
58420F



**Tritanopia**  
3C484D

# Trichromacy



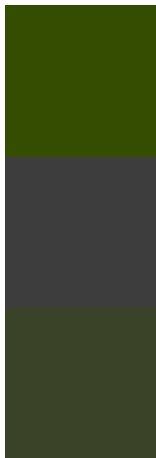
**Original Color**  
344D00

**Protanomaly**  
454900

**Deuteranomaly**  
4B460A

**Tritanomaly**  
394A31

# Monochromacy



**Original Color**  
344D00

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3A4327

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 344D00 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 #344D00 looks like.

```
.text, #text, p{  
    color:#344D00  
}
```

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 #344D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344D00
}
```

## Border

The CSS property to change the border of an element to Hex 344D00 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".

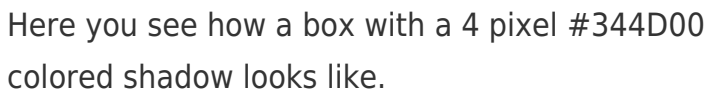
```
.border, #border, table{ border:4px solid
#344D00 }
```

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

```
.border{ border-color:#344D00 }
```

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

Here you see how a box with a 4 pixel #344D00 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344D00; -webkit-box-shadow:4px 4px  
4px 4px #344D00; box-shadow:4px 4px 4px  
4px #344D00 }
```

# Background

The CSS property to change the background color of an element to Hex 344D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344D00 }
```

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

```
.background{ background-color:#344D00 }
```

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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