

# Converting Colors

Hex(336403)

Have a look what the booklet for  
Hex(336403) contains.

<b>Hex(336403)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(336403)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	336403
RGB	51, 100, 3
RGB Percent	20%, 39%, 1%
CMY	0.8000, 0.6078, 0.9882
CMYK	0.49, 0.00, 0.97, 0.61
HSL	90°, 94%, 20%
HSV	90°, 97%, 39%
XYZ	5.9388, 9.8247, 1.6695
YIQ	74.2910, 1.9330, -40.5550

# Conversions

## Conversions Part 2

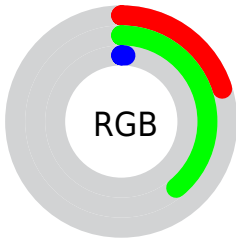
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 100, 52
Decimal	3367939
CIELab	37.53, -32.31, 42.60
CIELCh	38, 53.465, 127.177
Yxy	9.8247, 0.3407, 0.5636
Android (android.graphics.Color)	4281558019 (0xFF336403)
YUV	74.2910, -35.1465, -20.4262
Hunter-Lab	31.3444, -21.0322, 18.7831

# Details

The Hex color **336403** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **340364**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **67973B**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **316400**, and if you desaturate by 10%, it is **38640D**.

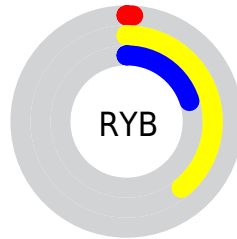
# Distribution



Red (20%)

Green (39%)

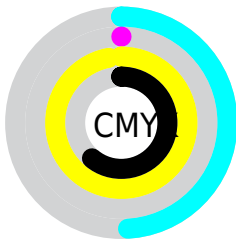
Blue (1%)



Red (1%)

Yellow (39%)

Blue (20%)

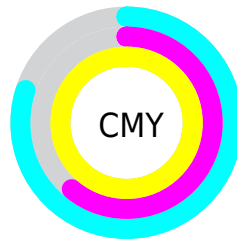


Cyan (49%)

Magenta (0%)

Yellow (97%)

Black (61%)



Cyan (80%)

Magenta (61%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336403 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 336403 by changing the saturation by 10% instead.



 336403

 336403

 FFFFF8

 184C00

 67973B

 003400

 82B254

 002100

 9DCE6E

 000000

 B9EA88

 D5FFA3

 F2FFBF

 FFFFDB

 336403

 336403

■ 316400

■ 38640D

■ 3D6417

■ 426421

■ 47642B

■ 4C6435

■ 51643F

■ 566449

■ 5B6453

■ 60645D

# Harmonies

## Analogous

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



625A00



336403



006935

# Triad

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



336403



0066A8



A42650

# Complementary

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



336403



340364

# 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.



93317B



336403



005AAF

# Square

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



336403



006B8C



65489E



9D3526

# Rectangle

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



336403



006B53



65489E



A1275E



# Sweetspot

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



336403



6F825C



643403



37422B



C2C2C2



424242



# Same Dimension

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



336403



408200



036403



30332E



397300



78F200



# Inverse Universe

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



340364



420082



640364



302E33



3A0073



7A00F2



# Previews

## White Background



This preview shows how the Hex color 336403 looks on a white background.

## Color Contrast Check

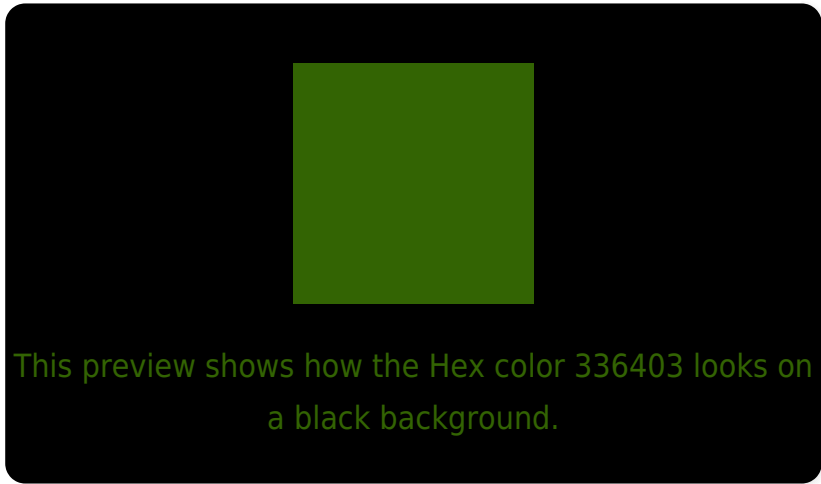
Large Text (above 18pt) WCAG AA ✓ Pass

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

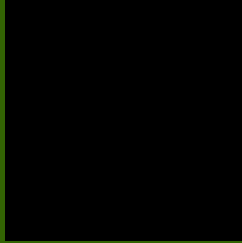
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 336403 Background



This preview shows how black text looks on a background with the Hex color 336403.



This preview shows how white text looks on a background with the Hex color 336403.

# 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**  
336403

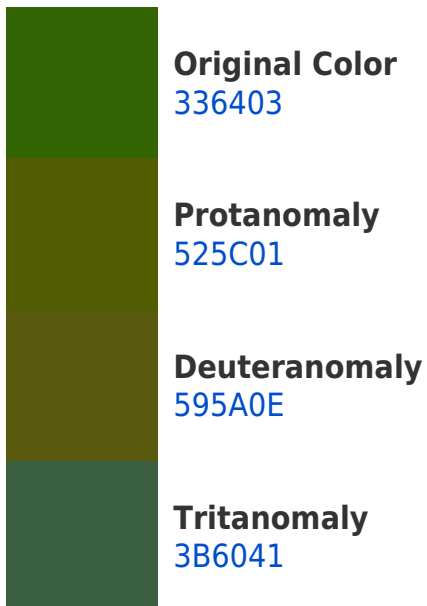
**Protanopia**  
635800

**Deuteranopia**  
6F5415

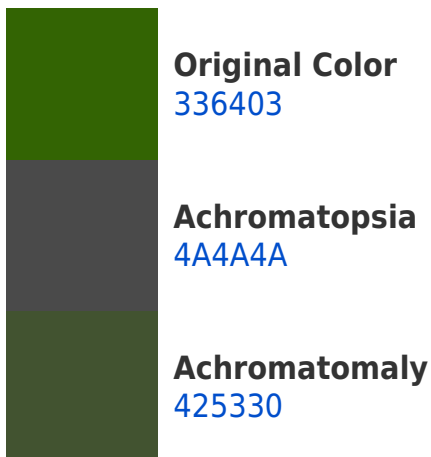


**Tritanopia**  
405D64

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336403 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 #336403 looks like.

```
.text, #text, p{  
    color:#336403  
}
```

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 #336403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336403
}
```

## Border

The CSS property to change the border of an element to Hex 336403 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".

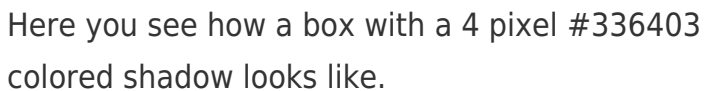
```
.border, #border, table{ border:4px solid
#336403 }
```

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

```
.border{ border-color:#336403 }
```

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

Here you see how a box with a 4 pixel #336403 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336403; -webkit-box-shadow:4px 4px  
4px 4px #336403; box-shadow:4px 4px 4px  
4px #336403 }
```

# Background

The CSS property to change the background color of an element to Hex 336403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336403 }
```

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

```
.background{ background-color:#336403 }
```

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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