

# Converting Colors

Hex(340011)

Have a look what the booklet for  
Hex(340011) contains.

<b>Hex(340011)</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(340011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340011
RGB	52, 0, 17
RGB Percent	20%, 0%, 7%
CMY	0.7961, 1.0000, 0.9333
CMYK	0.00, 1.00, 0.67, 0.80
HSL	340°, 100%, 10%
HSV	340°, 100%, 20%
XYZ	1.5174, 0.7705, 0.5991
YIQ	17.4860, 25.5350, 16.3110

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	52, 0, 17
Decimal	3407889
CIE Lab	6.96, 26.93, 3.43
CIE LCh	7, 27.150, 7.261
Yxy	0.7705, 0.5256, 0.2669
Android (android.graphics.Color)	4281597969 (0xFF340011)
YUV	17.4860, -0.2396, 30.2688
Hunter-Lab	8.7780, 15.4937, 2.0983

# Details

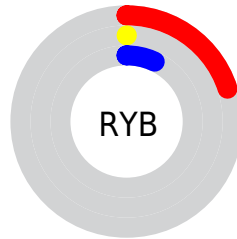
The Hex color **340011** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003423**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **662E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340011**, and if you desaturate by 10%, it is **340514**.

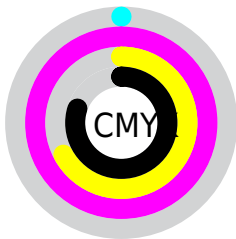
# Distribution



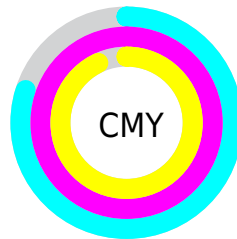
- Red (20%)
- Green (0%)
- Blue (7%)



- Red (20%)
- Yellow (0%)
- Blue (7%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (80%)



- Cyan (80%)
- Magenta (100%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340011 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 340011 by changing the saturation by 10% instead.



 340011

 340011

 FFE4F1

 1B0001

 662E3B

 000000

 804552

 9B5E6B

 B77784

 D3919E

 F0ACB9

 FFC7D4

 340011

■ 340514

■ 340A18

■ 34101B

■ 34151F

■ 341A22

■ 341F26

■ 342429

■ 342A2D

■ 342F31

# Harmonies

## Analogous

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



2D0424



340011



320500

# Triad

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



340011



001B00



001C36

# Complementary

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



340011



003423

# 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.



001F2B



340011



001E00

# Square

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



340011



181600



002019



001639

# Rectangle

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



340011



2B0C00



002019



001D33



# Sweetspot

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



340011



453037



230034



24171B



A3A3A3



242424



# Same Dimension

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



340011



450017



340900



1A1718



59001D



D90047



# Inverse Universe

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



340011



450017



002B34



1A1718



59001D

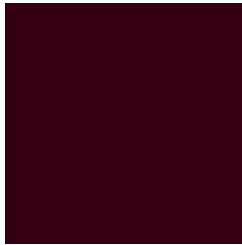


D90047



# Previews

## White Background



This preview shows how the Hex color 340011 looks on a white background.

## Color Contrast Check

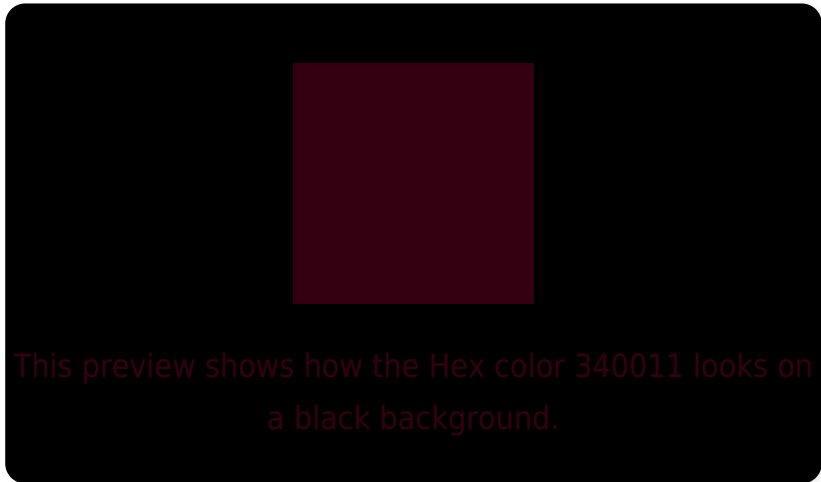
Large Text (above 18pt) WCAG AA ✓ Pass

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

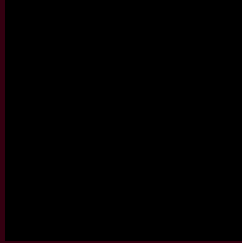
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340011 Background



This preview shows how black text looks on a background with the Hex color 340011.



This preview shows how white text looks on a background with the Hex color 340011.

# 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**  
340011

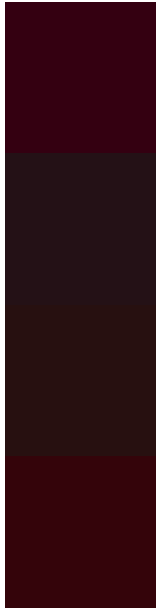
**Protanopia**  
1B1A19

**Deuteranopia**  
20190F



**Tritanopia**  
340706

# Trichromacy



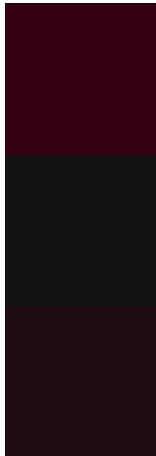
**Original Color**  
340011

**Protanomaly**  
241116

**Deuteranomaly**  
271010

**Tritanomaly**  
34040A

# Monochromacy



**Original Color**  
340011

**Achromatopsia**  
111111

**Achromatomaly**  
1E0B11

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340011 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 #340011 looks like.

```
.text, #text, p{  
    color:#340011  
}
```

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 #340011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340011
}
```

## Border

The CSS property to change the border of an element to Hex 340011 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".

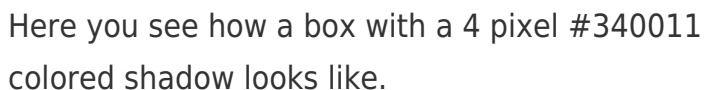
```
.border, #border, table{ border:4px solid
#340011 }
```

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

```
.border{ border-color:#340011 }
```

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

Here you see how a box with a 4 pixel #340011 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340011; -webkit-box-shadow:4px 4px  
4px 4px #340011; box-shadow:4px 4px 4px  
4px #340011 }
```

# Background

The CSS property to change the background color of an element to Hex 340011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340011 }
```

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

```
.background{ background-color:#340011 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor