

# Converting Colors

Hex(340012)

Have a look what the booklet for  
Hex(340012) contains.

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**Color**

**Hex(340012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340012
RGB	52, 0, 18
RGB Percent	20%, 0%, 7%
CMY	0.7961, 1.0000, 0.9294
CMYK	0.00, 1.00, 0.65, 0.80
HSL	339°, 100%, 10%
HSV	339°, 100%, 20%
XYZ	1.5254, 0.7737, 0.6412
YIQ	17.6000, 25.2140, 16.6220

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	52, 0, 18
Decimal	3407890
CIE Lab	6.99, 27.03, 2.88
CIE LCh	7, 27.181, 6.079
Yxy	0.7737, 0.5188, 0.2631
Android (android.graphics.Color)	4281597970 (0xFF340012)
YUV	17.6000, 0.1972, 30.1688
Hunter-Lab	8.7962, 15.5603, 1.8353

# Details

The Hex color **340012** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003422**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **662E3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340012**, and if you desaturate by 10%, it is **340515**.

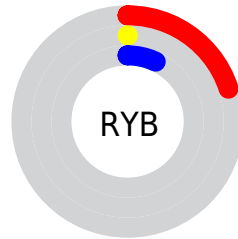
# Distribution



Red (20%)

Green (0%)

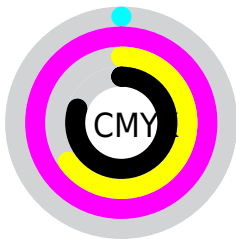
Blue (7%)



Red (20%)

Yellow (0%)

Blue (7%)

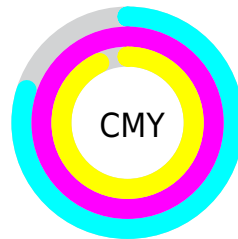


Cyan (0%)

Magenta (100%)

Yellow (65%)

Black (80%)



Cyan (80%)

Magenta (100%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340012 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 340012 by changing the saturation by 10% instead.



 340012

 340012

 FFE4F2

 1B0001

 662E3C

 000000

 804553

 9B5E6C

 B77785

 D3919F

 F0ACBA

 FFC7D5

 340012

■ 340515

■ 340A19

■ 34101C

■ 341520

■ 341A23

■ 341F26

■ 34242A

■ 342A2D

■ 342F31

# Harmonies

## Analogous

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



2D0424



340012



320500

# Triad

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



340012



001B00



001C36

# Complementary

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



340012



003422

# 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.



001F2A



340012



001E00

# Square

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



340012



191600



002019



001739

# Rectangle

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



340012



2C0C00



002019



001D33



# Sweetspot

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



340012



453037



220034



24171B



A3A3A3



242424



# Same Dimension

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



340012



450018



340800



1A1718



59001F



D9004B



# Inverse Universe

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



340012



450018



002C34



1A1718



59001F

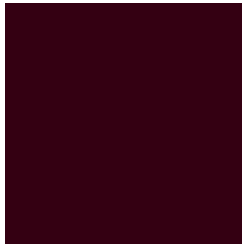


D9004B



# Previews

## White Background



This preview shows how the Hex color 340012 looks on a white background.

## Color Contrast Check

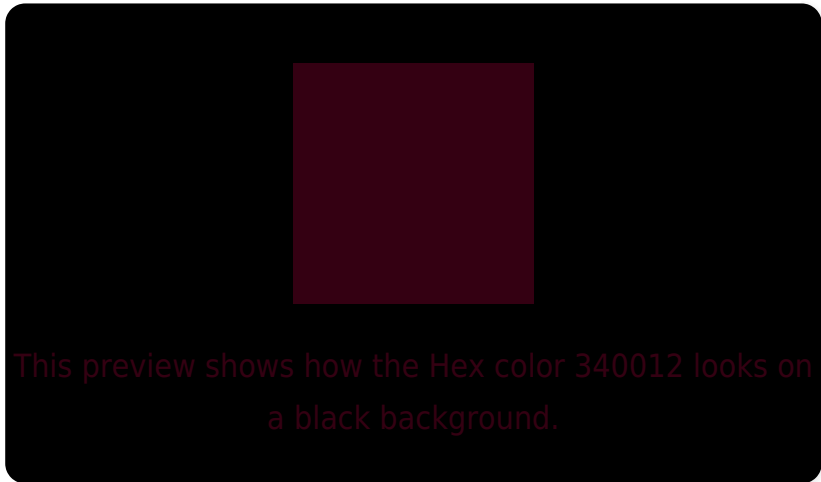
Large Text (above 18pt) WCAG AA ✓ Pass

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

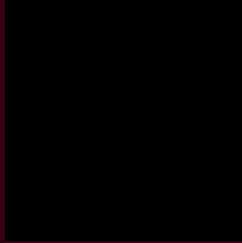
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340012 Background



This preview shows how black text looks on a background with the Hex color 340012.



This preview shows how white text looks on a background with the Hex color 340012.

# 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**  
340012

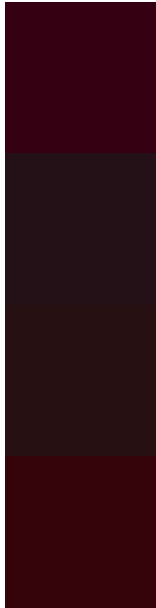
**Protanopia**  
1B1A1A

**Deuteranopia**  
201910



**Tritanopia**  
340706

# Trichromacy



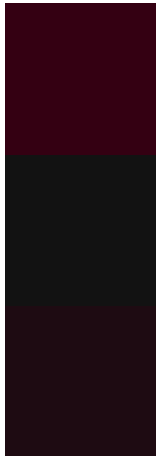
**Original Color**  
340012

**Protanomaly**  
241117

**Deuteranomaly**  
271011

**Tritanomaly**  
34040A

# Monochromacy



**Original Color**  
340012

**Achromatopsia**  
121212

**Achromatomaly**  
1E0B12

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340012 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 #340012 looks like.

```
.text, #text, p{  
    color:#340012  
}
```

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 #340012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340012
}
```

## Border

The CSS property to change the border of an element to Hex 340012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

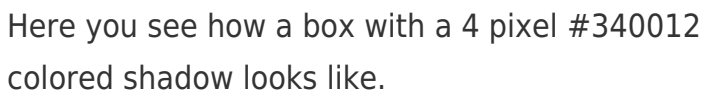
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340012 }
```

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

```
.border{ border-color:#340012 }
```

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



Here you see how a box with a 4 pixel #340012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340012; -webkit-box-shadow:4px 4px  
4px 4px #340012; box-shadow:4px 4px 4px  
4px #340012 }
```

# Background

The CSS property to change the background color of an element to Hex 340012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340012 }
```

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

```
.background{ background-color:#340012 }
```

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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