

# Converting Colors

Hex(340F1C)

Have a look what the booklet for  
Hex(340F1C) contains.

<b>Hex(340F1C)</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(340F1C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340F1C
RGB	52, 15, 28
RGB Percent	20%, 6%, 11%
CMY	0.7961, 0.9412, 0.8902
CMYK	0.00, 0.71, 0.46, 0.80
HSL	339°, 55%, 13%
HSV	339°, 71%, 20%
XYZ	1.7966, 1.1556, 1.2270
YIQ	27.5450, 17.8790, 11.8870

# Conversions

## Conversions Part 2

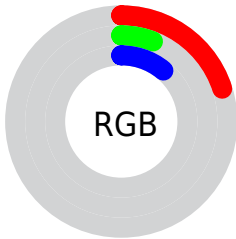
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 15, 28
Decimal	3411740
CIE Lab	10.23, 20.15, 0.38
CIE LCh	10, 20.154, 1.073
Yxy	1.1556, 0.4299, 0.2765
Android (android.graphics.Color)	4281601820 (0xFF340F1C)
YUV	27.5450, 0.2243, 21.4470
Hunter-Lab	10.7497, 11.0209, 0.7574

# Details

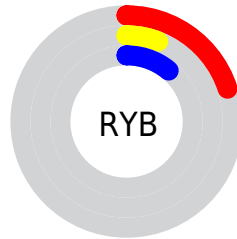
The Hex color **340F1C** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F3427**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **653B47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340A19**, and if you desaturate by 10%, it is **34141F**.

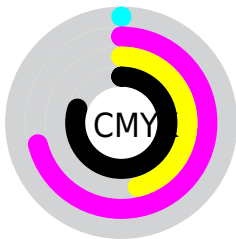
# Distribution



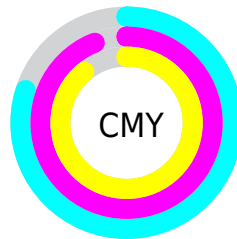
- Red (20%)
- Green (6%)
- Blue (11%)



- Red (20%)
- Yellow (6%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (46%)
- Black (80%)



- Cyan (80%)
- Magenta (94%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340F1C 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 340F1C by changing the saturation by 10% instead.



 340F1C

 340F1C

 FFF2FF

 220001

 653B47

 000000

 7E525F

 996B78

 B48491

 D09FAC

 ECBAC7

 FFD6E3

 340F1C

 340F1C

■ 340A19

■ 34141F

■ 340515

■ 341923

■ 340012

■ 341F26

■ 342429

■ 34292D

■ 342E30

■ 343334

■ 343937

■ 343E3A

# Harmonies

## Analogous

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



2D1229



340F1C



34110D

# Triad

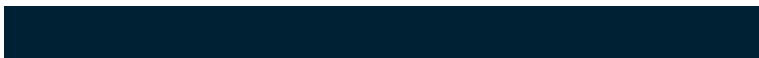
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



340F1C



171F00



002134

# Complementary

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



340F1C



0F3427

# 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.



00222A



340F1C



01220C

# Square

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



340F1C



241B00



00231C



001D37

# Rectangle

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



340F1C



311400



00231C



002131



# Sweetspot

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



340F1C



45363B



260F34



241B1E



A3A3A3



242424



# Same Dimension

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



340F1C



450A1F



34140F



1A1718



59001F



D9004C



# Inverse Universe

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



340F1C



450A1F



0F2F34



1A1718



59001F

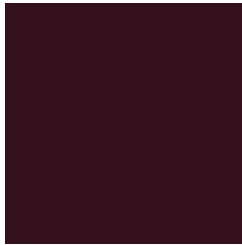


D9004C



# Previews

## White Background



This preview shows how the Hex color 340F1C looks on a white background.

## Color Contrast Check

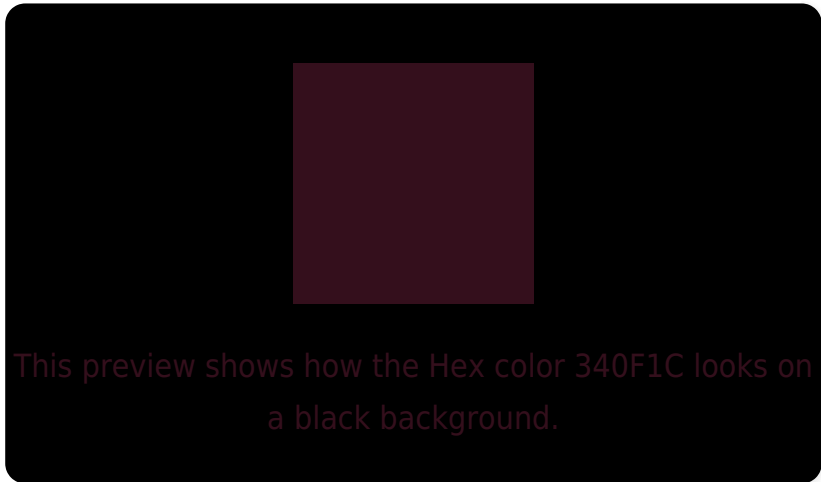
Large Text (above 18pt) WCAG AA ✓ Pass

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

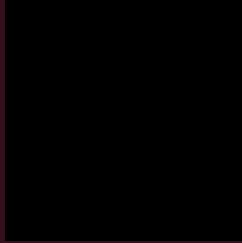
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340F1C Background



This preview shows how black text looks on a background with the Hex color 340F1C.



This preview shows how white text looks on a background with the Hex color 340F1C.

# 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**  
340F1C

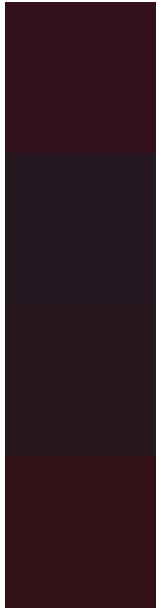
**Protanopia**  
1C1D24

**Deuteranopia**  
211C1A



**Tritanopia**  
331112

# Trichromacy



**Original Color**  
340F1C

**Protanomaly**  
251821

**Deuteranomaly**  
28171B

**Tritanomaly**  
331016

# Monochromacy



**Original Color**  
340F1C

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
25171C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340F1C 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 #340F1C looks like.

```
.text, #text, p{  
    color:#340F1C  
}
```

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 #340F1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340F1C
}
```

## Border

The CSS property to change the border of an element to Hex 340F1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

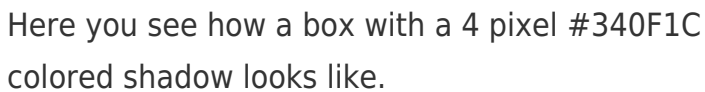
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340F1C }
```

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

```
.border{ border-color:#340F1C }
```

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



Here you see how a box with a 4 pixel #340F1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340F1C; -webkit-box-shadow:4px 4px  
4px 4px #340F1C; box-shadow:4px 4px 4px  
4px #340F1C }
```

# Background

The CSS property to change the background color of an element to Hex 340F1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340F1C }
```

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

```
.background{ background-color:#340F1C }
```

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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