

# Converting Colors

Hex(340E13)

Have a look what the booklet for  
Hex(340E13) contains.

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**Color**

**Hex(340E13)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340E13
RGB	52, 14, 19
RGB Percent	20%, 5%, 7%
CMY	0.7961, 0.9451, 0.9255
CMYK	0.00, 0.73, 0.63, 0.80
HSL	352°, 58%, 13%
HSV	352°, 73%, 20%
XYZ	1.6908, 1.0912, 0.7376
YIQ	25.9320, 21.0430, 9.6110

# Conversions

## Conversions Part 2

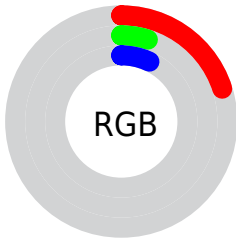
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	52, 14, 19
Decimal	3411475
CIE Lab	9.73, 19.62, 6.22
CIE LCh	10, 20.585, 17.598
Yxy	1.0912, 0.4804, 0.3100
Android (android.graphics.Color)	4281601555 (0xFF340E13)
YUV	25.9320, -3.4175, 22.8616
Hunter-Lab	10.4458, 10.6116, 3.1255

# Details

The Hex color **340E13** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E342F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **653A3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **34090E**, and if you desaturate by 10%, it is **341318**.

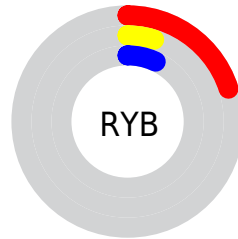
# Distribution



Red (20%)

Green (5%)

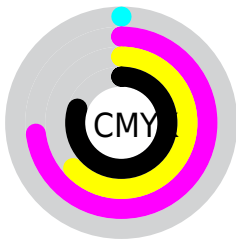
Blue (7%)



Red (20%)

Yellow (5%)

Blue (7%)

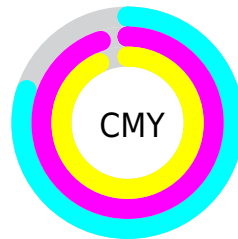


Cyan (0%)

Magenta (73%)

Yellow (63%)

Black (80%)



Cyan (80%)

Magenta (95%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340E13 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 340E13 by changing the saturation by 10% instead.



 340E13

 340E13

 FFF1F3

 200001

 653A3D

 000000

 7F5154

 9A6A6C

 B58386

 D19DA0

 EEB8BB

 FFD4D7

 340E13

 340E13

■ 34090E

■ 341318

■ 34040A

■ 34181C

■ 340007

■ 341E21

■ 342325

■ 34282A

■ 342D2E

■ 343233

■ 343837

■ 343D3C

# Harmonies

## Analogous

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



310E21



340E13



311200

# Triad

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



340E13



0B2001



001E36

# Complementary

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



340E13



0E342F

# 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.



00212F



340E13



002214

# Square

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



340E13



1C1D00



002223



101A35

# Rectangle

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



340E13



2B1600



002223



001F34



# Sweetspot

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



340E13



453638



2F0E34



241A1C



A3A3A3



242424



# Same Dimension

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



340E13



450810



341C0E



1A1717



59000C



D9001D



# Inverse Universe

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



340E13



450810



0E2634



1A1717



59000C

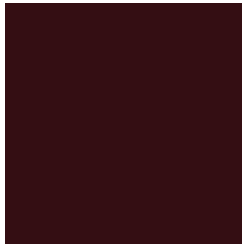


D9001D



# Previews

## White Background



This preview shows how the Hex color 340E13 looks on a white background.

## Color Contrast Check

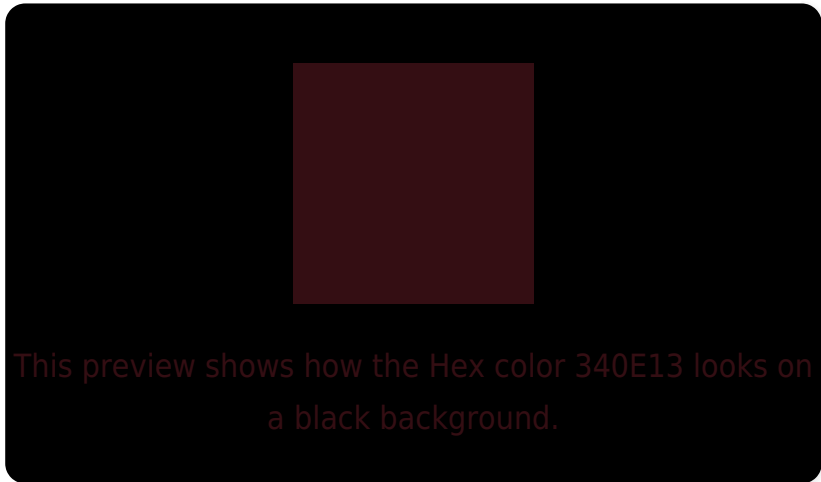
Large Text (above 18pt) WCAG AA ✓ Pass

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

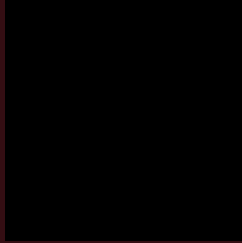
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340E13 Background



This preview shows how black text looks on a background with the Hex color 340E13.

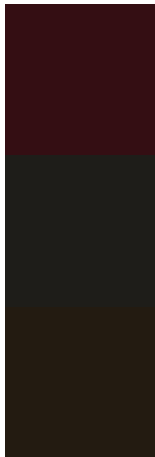


This preview shows how white text looks on a background with the Hex color 340E13.

# 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](#).

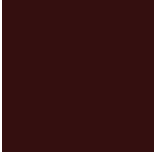
## Dichromacy



**Original Color**  
340E13

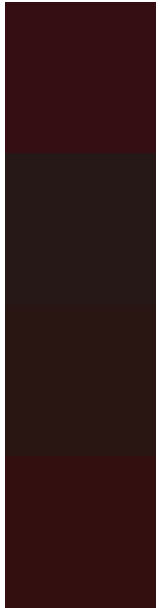
**Protanopia**  
1E1D19

**Deuteranopia**  
231B11



**Tritanopia**  
340F0F

# Trichromacy



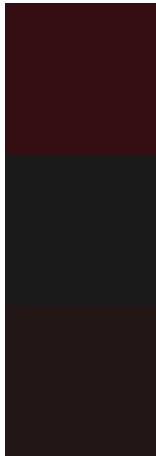
**Original Color**  
340E13

**Protanomaly**  
261817

**Deuteranomaly**  
291612

**Tritanomaly**  
340F10

# Monochromacy



**Original Color**  
340E13

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
231617

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340E13 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 #340E13 looks like.

```
.text, #text, p{  
    color:#340E13  
}
```

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 #340E13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340E13
}
```

## Border

The CSS property to change the border of an element to Hex 340E13 is called "border". The border property can be set on classes, ids or directly on the HTML element.

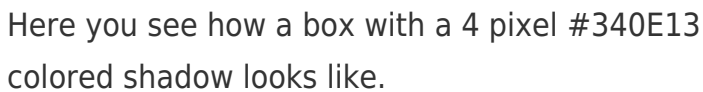
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#340E13 }
```

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

```
.border{ border-color:#340E13 }
```

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



Here you see how a box with a 4 pixel #340E13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340E13; -webkit-box-shadow:4px 4px  
4px 4px #340E13; box-shadow:4px 4px 4px  
4px #340E13 }
```

# Background

The CSS property to change the background color of an element to Hex 340E13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340E13 }
```

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

```
.background{ background-color:#340E13 }
```

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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