

# Converting Colors

Hex(340A0A)

Have a look what the booklet for  
Hex(340A0A) contains.

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# Color

**Hex(340A0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	340A0A
RGB	52, 10, 10
RGB Percent	20%, 4%, 4%
CMY	0.7961, 0.9608, 0.9608
CMYK	0.00, 0.81, 0.81, 0.80
HSL	0°, 68%, 12%
HSV	0°, 81%, 20%
XYZ	1.5795, 0.9691, 0.3910
YIQ	22.5580, 25.0320, 8.9040

# Conversions

## Conversions Part 2

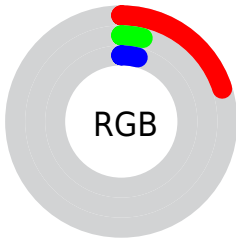
Format	Color
<a href="#">RYB</a>	<a href="#">52, 10, 10</a>
Decimal	<a href="#">3410442</a>
CIELab	<a href="#">8.73, 20.99, 9.46</a>
CIELCh	<a href="#">9, 23.028, 24.259</a>
Yxy	<a href="#">0.9691, 0.5373, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4281600522 (0xFF340A0A)</a>
YUV	<a href="#">22.5580, -6.1911, 25.8206</a>
Hunter-Lab	<a href="#">9.8441, 11.4135, 4.5362</a>

# Details

The Hex color **340A0A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A3434**, and the grayscale version is **171717**.

A 20% lighter version of the original color is **663636**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340505**, and if you desaturate by 10%, it is **340F0F**.

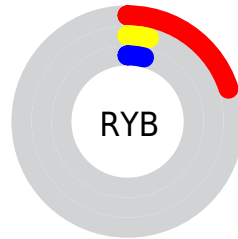
# Distribution



Red (20%)

Green (4%)

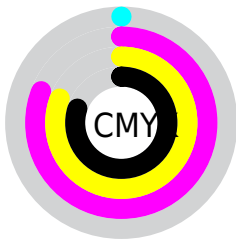
Blue (4%)



Red (20%)

Yellow (4%)

Blue (4%)

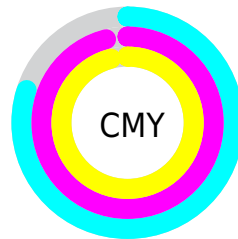


Cyan (0%)

Magenta (81%)

Yellow (81%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 340A0A 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 340A0A by changing the saturation by 10% instead.



 340A0A

 340A0A

 FFEDEA

 1D0001

 663636

 000000

 804E4D

 9B6665

 B67F7E

 D29A98

 EFB4B2

 FFD0CE

 340A0A

 340A0A

■ 340505

■ 340F0F

■ 340000

■ 341414

■ 341A1A

■ 341F1F

■ 342424

■ 342929

■ 342E2E

■ 343434

■ 343939

# Harmonies

## Analogous

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



32091D



340A0A



2E1100

# Triad

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



340A0A



001F00



001C38

# Complementary

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



340A0A



0A3434

# 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.



001F32



340A0A



002115

# Square

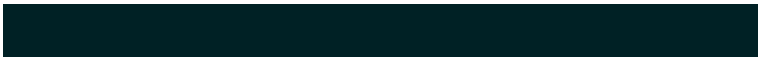
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



340A0A



151C00



002125



121635

# Rectangle

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



340A0A



271500



002125



001D37



# Sweetspot

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



340A0A



453434



340A34



241919



A3A3A3



242424



# Same Dimension

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



340A0A



450202



341F0A



1A1717



590000



D90000



# Inverse Universe

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



0A3434



024545



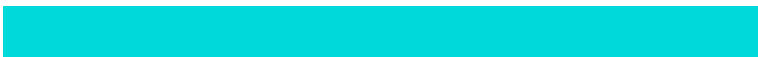
0A1F34



171A1A



005959

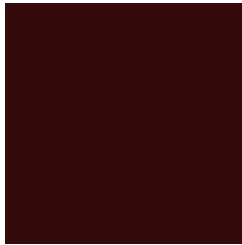


00D9D9



# Previews

## White Background



This preview shows how the Hex color 340A0A looks on a white background.

## Color Contrast Check

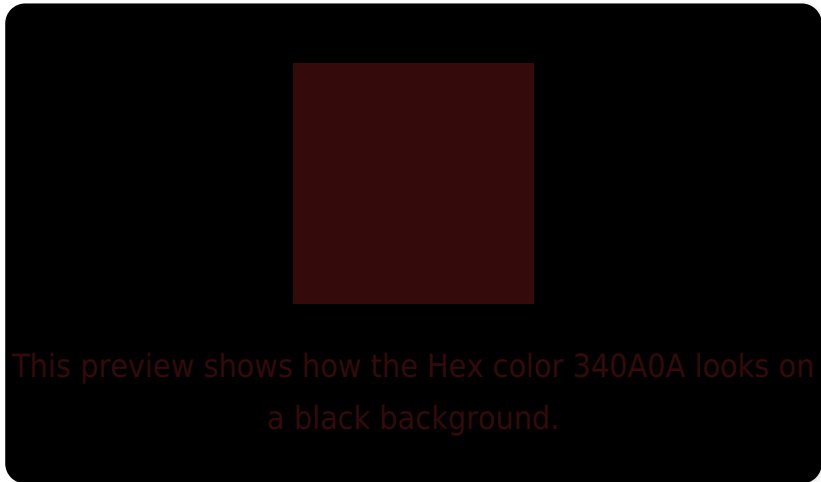
Large Text (above 18pt) WCAG AA ✓ Pass

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

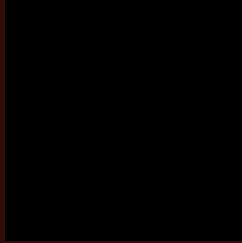
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 340A0A Background



This preview shows how black text looks on a background with the Hex color 340A0A.

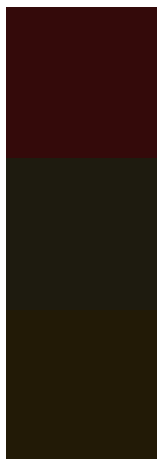


This preview shows how white text looks on a background with the Hex color 340A0A.

# 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**

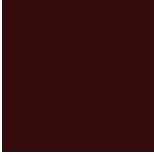
340A0A

**Protanopia**

1E1B0F

**Deuteranopia**

221A06



**Tritanopia**  
340A0A

# Trichromacy



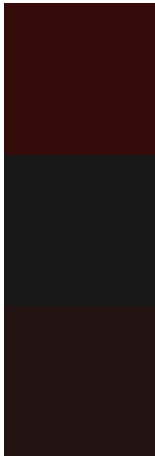
**Original Color**  
340A0A

**Protanomaly**  
26150D

**Deuteranomaly**  
291407

**Tritanomaly**  
340A0A

# Monochromacy



**Original Color**  
340A0A

**Achromatopsia**  
171717

**Achromatomaly**  
221212

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 340A0A 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 #340A0A looks like.

```
.text, #text, p{  
    color:#340A0A  
}
```

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 #340A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #340A0A
}
```

## Border

The CSS property to change the border of an element to Hex 340A0A 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".

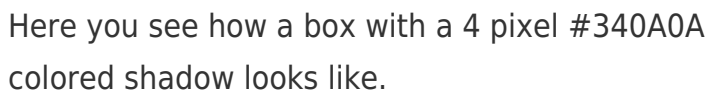
```
.border, #border, table{ border:4px solid
#340A0A }
```

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

```
.border{ border-color:#340A0A }
```

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

Here you see how a box with a 4 pixel #340A0A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #340A0A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #340A0A; -webkit-box-shadow:4px 4px  
4px 4px #340A0A; box-shadow:4px 4px 4px  
4px #340A0A }
```

# Background

The CSS property to change the background color of an element to Hex 340A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#340A0A }
```

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

```
.background{ background-color:#340A0A }
```

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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