

# Converting Colors

Hex(39340B)

Have a look what the booklet for  
Hex(39340B) contains.

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**Color**

**Hex(39340B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39340B
RGB	57, 52, 11
RGB Percent	22%, 20%, 4%
CMY	0.7765, 0.7961, 0.9569
CMYK	0.00, 0.09, 0.81, 0.78
HSL	53°, 68%, 13%
HSV	53°, 81%, 22%
XYZ	2.9757, 3.3500, 0.8064
YIQ	48.8210, 16.1410, -11.6910

# Conversions

## Conversions Part 2

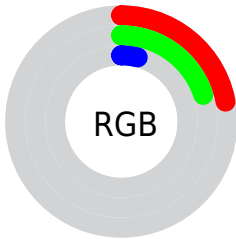
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 57, 11
Decimal	3748875
CIELab	21.39, -3.60, 25.35
CIELCh	21, 25.606, 98.071
Yxy	3.3500, 0.4172, 0.4697
Android (android.graphics.Color)	4281938955 (0xFF39340B)
YUV	48.8210, -18.6458, 7.1730
Hunter-Lab	18.3030, -3.0094, 10.1999

# Details

The Hex color **39340B** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0B1039**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6A6237**, and **000800** is the 20% darker color. If you saturate the color by 10%, you get **393305**, and if you desaturate by 10%, it is **393511**.

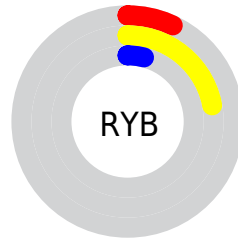
# Distribution



 Red (22%)

 Green (20%)

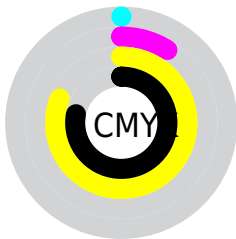
 Blue (4%)



 Red (7%)

 Yellow (22%)

 Blue (4%)

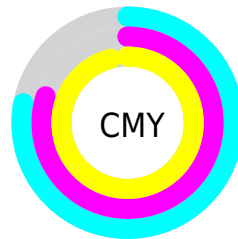


 Cyan (0%)

 Magenta (9%)

 Yellow (81%)

 Black (78%)



 Cyan (78%)

 Magenta (80%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 39340B 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 39340B by changing the saturation by 10% instead.





39340B



39340B



FFFFEE



231F00



6A6237



000800



847B4F



000000



9E9567



BAAF81



D6CB9B



F2E7B6



FFFFD1



39340B



39340B

■ 393305

■ 393511

■ 393300

■ 393516

■ 39361C

■ 393622

■ 393728

■ 39382D

■ 393833

■ 393939

■ 393A3E

# Harmonies

## Analogous

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



492D10



39340B



253914

# Triad

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



39340B



003C4A



4E2542

# Complementary

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



39340B



0B1039

# 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.



3B2C51



39340B



003956

# Square

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



39340B



003D38



193459



56222F

# Rectangle

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



39340B



133B1E



193459



492748



# Sweetspot

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



39340B



4A4838



390B10



26251B



A6A6A6



262626



# Same Dimension

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



39340B



4A4202



27390B



1C1C19



5C5200



DBC300



# Inverse Universe

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



0B1039



020A4A



1D0B39



191A1C



000A5C

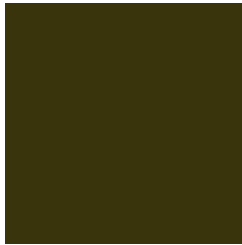


0018DB



# Previews

## White Background



This preview shows how the Hex color 39340B looks on a white background.

## Color Contrast Check

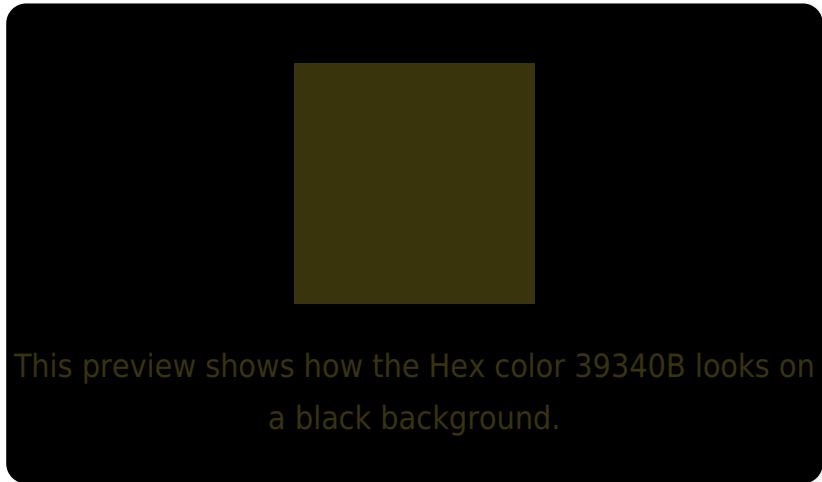
Large Text (above 18pt) WCAG AA ✓ Pass

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

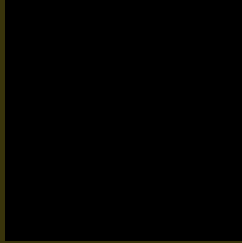
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 39340B Background



This preview shows how black text looks on a background with the Hex color 39340B.



This preview shows how white text looks on a background with the Hex color 39340B.

# 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**  
39340B

**Protanopia**  
3A340B

**Deuteranopia**  
41310D



**Tritanopia**  
3C3034

# Trichromacy



**Original Color**  
39340B

**Protanomaly**  
3A340B

**Deuteranomaly**  
3E320C

**Tritanomaly**  
3B3125

# Monochromacy



**Original Color**  
39340B

**Achromatopsia**  
313131

**Achromatomaly**  
343223

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 39340B 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 #39340B looks like.

```
.text, #text, p{  
    color:#39340B  
}
```

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 #39340B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39340B
}
```

## Border

The CSS property to change the border of an element to Hex 39340B 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
#39340B }
```

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

```
.border{ border-color:#39340B }
```

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

Here you see how a box with a 4 pixel #39340B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39340B; -webkit-box-shadow:4px 4px  
4px 4px #39340B; box-shadow:4px 4px 4px  
4px #39340B }
```

# Background

The CSS property to change the background color of an element to Hex 39340B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39340B }
```

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

```
.background{ background-color:#39340B }
```

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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