

# Converting Colors

Hex(33390A)

Have a look what the booklet for  
Hex(33390A) contains.

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# Color

**Hex(33390A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33390A
RGB	51, 57, 10
RGB Percent	20%, 22%, 4%
CMY	0.8000, 0.7765, 0.9608
CMYK	0.11, 0.00, 0.82, 0.78
HSL	68°, 70%, 13%
HSV	68°, 82%, 22%
XYZ	2.8832, 3.6520, 0.8401
YIQ	49.8480, 11.5110, -15.8890

# Conversions

## Conversions Part 2

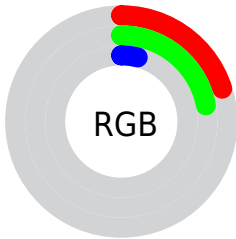
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 57, 16
Decimal	3356938
CIELab	22.49, -9.95, 26.75
CIELCh	22, 28.543, 110.404
Yxy	3.6520, 0.3909, 0.4952
Android (android.graphics.Color)	4281547018 (0xFF33390A)
YUV	49.8480, -19.6451, 1.0103
Hunter-Lab	19.1101, -6.5124, 10.7706

# Details

The Hex color **33390A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100A39**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **636837**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **323904**, and if you desaturate by 10%, it is **343910**.

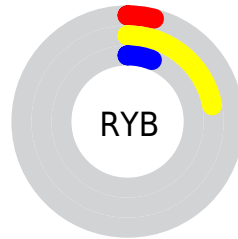
# Distribution



Red (20%)

Green (22%)

Blue (4%)



Red (4%)

Yellow (22%)

Blue (6%)

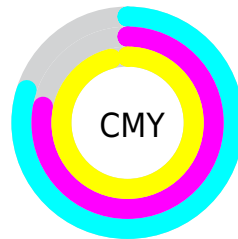


Cyan (11%)

Magenta (0%)

Yellow (82%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33390A 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 33390A by changing the saturation by 10% instead.



 33390A

 33390A

 FFFFEE

 1E2300

 636837

 001000

 7D814F

 000000

 979B67

 B2B680

 CED19B

 EAEEB6

 FFFFD1

 33390A

 33390A

■ 323904

■ 343910

■ 323900

■ 343915

■ 35391B

■ 363921

■ 373927

■ 37392C

■ 383932

■ 393938

■ 3A393D

# Harmonies

## Analogous

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



473208



33390A



193D19

# Triad

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



33390A



003E56



59233D

# Complementary

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



33390A



100A39

# 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.



492A51



33390A



003A60

# Square

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



33390A



004044



2A335E



5C2328

# Rectangle

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



33390A



003F27



2A335E



552544



# Sweetspot

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



33390A



484A37



390F0A



25261B



A6A6A6



262626



# Same Dimension

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



33390A



414A01



1C390A



1C1C19



505C00



BFDB00



# Inverse Universe

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



100A39



0A014A



270A39



1A191C



0C005C



1C00DB



# Previews

## White Background



This preview shows how the Hex color 33390A looks on a white background.

## Color Contrast Check

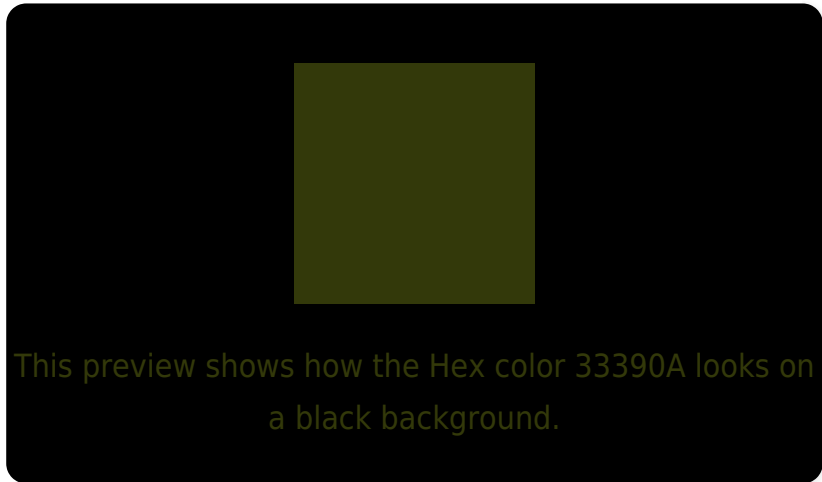
Large Text (above 18pt) WCAG AA ✓ Pass

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

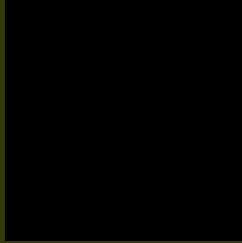
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

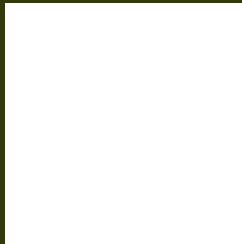
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 33390A Background



This preview shows how black text looks on a background with the Hex color 33390A.



This preview shows how white text looks on a background with the Hex color 33390A.

# 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**  
33390A

**Protanopia**  
3D3609

**Deuteranopia**  
44330D



**Tritanopia**  
373539

# Trichromacy



**Original Color**  
33390A

**Protanomaly**  
393709

**Deuteranomaly**  
3E350C

**Tritanomaly**  
363628

# Monochromacy



**Original Color**  
33390A

**Achromatopsia**  
323232

**Achromatomaly**  
323523

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33390A 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 #33390A looks like.

```
.text, #text, p{  
    color:#33390A  
}
```

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 #33390A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33390A
}
```

## Border

The CSS property to change the border of an element to Hex 33390A 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
#33390A }
```

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

```
.border{ border-color:#33390A }
```

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

Here you see how a box with a 4 pixel #33390A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33390A; -webkit-box-shadow:4px 4px  
4px 4px #33390A; box-shadow:4px 4px 4px  
4px #33390A }
```

# Background

The CSS property to change the background color of an element to Hex 33390A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33390A }
```

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

```
.background{ background-color:#33390A }
```

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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