

# Converting Colors

Hex(331C04)

Have a look what the booklet for  
Hex(331C04) contains.

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**Color**

**Hex(331C04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	331C04
RGB	51, 28, 4
RGB Percent	20%, 11%, 2%
CMY	0.8000, 0.8902, 0.9843
CMYK	0.00, 0.45, 0.92, 0.80
HSL	31°, 85%, 11%
HSV	31°, 92%, 20%
XYZ	1.8024, 1.5431, 0.3177
YIQ	32.1410, 21.4120, -2.5880

# Conversions

## Conversions Part 2

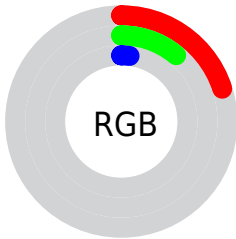
Format	Color
<a href="#">RYB</a>	<a href="#">49, 51, 4</a>
Decimal	<a href="#">3349508</a>
CIELab	<a href="#">12.88, 8.85, 17.66</a>
CIELCh	<a href="#">13, 19.757, 63.374</a>
Yxy	<a href="#">1.5431, 0.4920, 0.4212</a>
Android (android.graphics.Color)	<a href="#">4281539588</a> ( <a href="#">0xFF331C04</a> )
YUV	<a href="#">32.1410, -13.8735, 16.5393</a>
Hunter-Lab	<a href="#">12.4221, 4.1612, 7.1790</a>

# Details

The Hex color **331C04** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **041B33**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **634832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **331A00**, and if you desaturate by 10%, it is **331E09**.

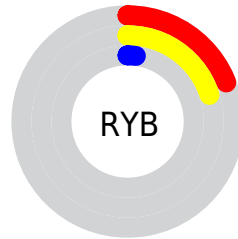
# Distribution



Red (20%)

Green (11%)

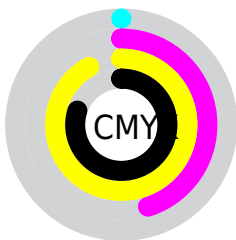
Blue (2%)



Red (19%)

Yellow (20%)

Blue (2%)

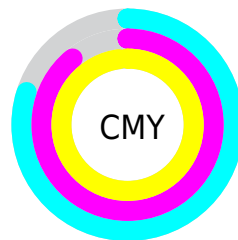


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (80%)



Cyan (80%)

Magenta (89%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 331C04 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 331C04 by changing the saturation by 10% instead.



 331C04

 331C04

 FFFFE5

 1C0300

 634832

 000000

 7D5F49

 987860

 B39279

 CFAC93

 ECC8AE

 FFE4C9

 331C04

 331C04

■ 331A00

■ 331E09

■ 33210E

■ 332313

■ 332618

■ 33281D

■ 332B23

■ 332D28

■ 33302D

■ 333232

# Harmonies

## Analogous

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



391713



331C04



282100

# Triad

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



331C04



002822



241D38

# Complementary

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



331C04



041B33

# 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.



08223D



331C04



002830

# Square

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



331C04



052714



00263A



33182E

# Rectangle

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



331C04



1F2402



00263A



1D1F3A



# Sweetspot

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



331C04



423930



33041C



211C16



A1A1A1



212121



# Same Dimension

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



331C04



422200



333304



1A1817



592E00



D96F00



# Inverse Universe

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



041B33



002042



040433



17181A



002C59

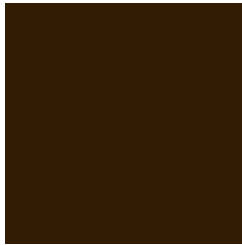


006AD9



# Previews

## White Background



This preview shows how the Hex color 331C04 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

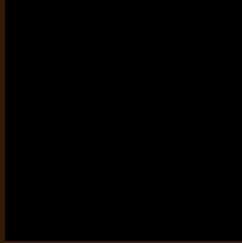
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 331C04 Background



This preview shows how black text looks on a background with the Hex color 331C04.

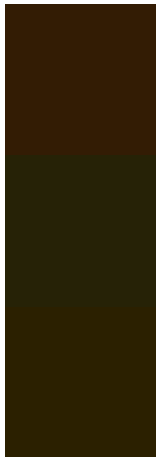


This preview shows how white text looks on a background with the Hex color 331C04.

# 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](#).

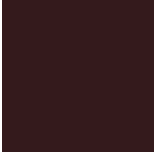
## Dichromacy



**Original Color**  
331C04

**Protanopia**  
262206

**Deuteranopia**  
2B2000



# Trichromacy



**Original Color**  
331C04

**Protanomaly**  
2B2005

**Deuteranomaly**  
2E1F01

**Tritanomaly**  
341B13

# Monochromacy



**Original Color**  
331C04

**Achromatopsia**  
202020

**Achromatomaly**  
271F16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 331C04 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 #331C04 looks like.

```
.text, #text, p{  
    color:#331C04  
}
```

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 #331C04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331C04
}
```

## Border

The CSS property to change the border of an element to Hex 331C04 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
#331C04 }
```

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

```
.border{ border-color:#331C04 }
```

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

Here you see how a box with a 4 pixel #331C04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331C04; -webkit-box-shadow:4px 4px  
4px 4px #331C04; box-shadow:4px 4px 4px  
4px #331C04 }
```

# Background

The CSS property to change the background color of an element to Hex 331C04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331C04 }
```

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

```
.background{ background-color:#331C04 }
```

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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