

Converting Colors

Hex(331C09)

Have a look what the booklet for
Hex(331C09) contains.

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Color

Hex(331C09)

Conversions

Conversions Part 1

Format	Color
Hex	331C09
RGB	51, 28, 9
RGB Percent	20%, 11%, 4%
CMY	0.8000, 0.8902, 0.9647
CMYK	0.00, 0.45, 0.82, 0.80
HSL	27°, 70%, 12%
HSV	27°, 82%, 20%
XYZ	1.8298, 1.5540, 0.4620
YIQ	32.7110, 19.8070, -1.0330

Conversions

Conversions Part 2

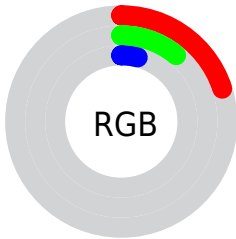
Format	Color
R_{YB}	51, 44, 9
Decimal	3349513
CIE Lab	12.95, 9.23, 15.72
CIE LCh	13, 18.227, 59.567
Yxy	1.5540, 0.4758, 0.4041
Android (android.graphics.Color)	4281539593 (0xFF331C09)
YUV	32.7110, -11.6895, 16.0395
Hunter-Lab	12.4661, 4.3849, 6.5291

Details

The Hex color **331C09** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **092033**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **634835**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **331904**, and if you desaturate by 10%, it is **331F0E**.

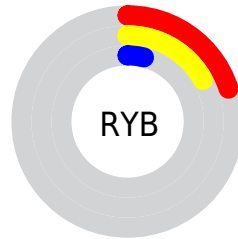
Distribution



Red (20%)

Green (11%)

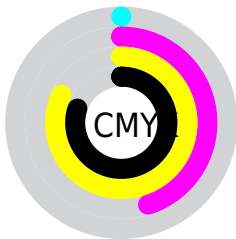
Blue (4%)



Red (20%)

Yellow (17%)

Blue (4%)

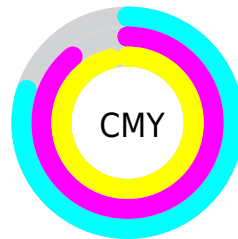


Cyan (0%)

Magenta (45%)

Yellow (82%)

Black (80%)



Cyan (80%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 331C09 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 331C09 by changing the saturation by 10% instead.

 331C09

 331C09

 FFFFE9

 1D0300

 634835

 000000

 7D5F4C

 977864

 B3927D

 CFAC97

 EBC8B2

 FFE4CD

 331C09

 331C09

■ 331904

■ 331F0E

■ 331700

■ 332213

■ 332418

■ 33271D

■ 332A23

■ 332D28

■ 33302D

■ 333232

■ 333537

Harmonies

Analogous

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



381816



331C09



2A2102

Triad

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



331C09



002821



221E37

Complementary

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



331C09



092033

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.



08233B



331C09



00282E

Square

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



331C09



0C2714



002637



31192E

Rectangle

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



331C09



212304



002637



1B2039

Sweetspot

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



331C09



423932



330920



211C17



A1A1A1



212121

Same Dimension

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



331C09



421E01



333109



1A1817



592800



D96200

Inverse Universe

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



092033



012542



090B33



17181A



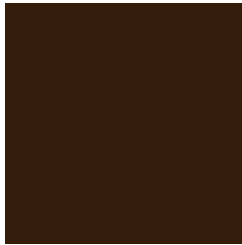
003159



0077D9

Previews

White Background



This preview shows how the Hex color 331C09 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

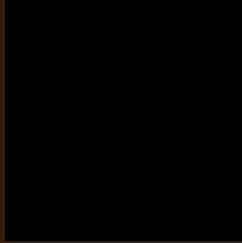
Any Text WCAG AA × Fail

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 331C09 Background



This preview shows how black text looks on a background with the Hex color 331C09.

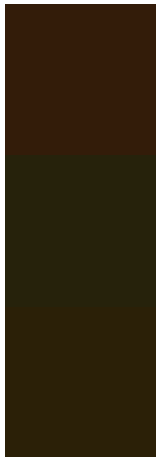


This preview shows how white text looks on a background with the Hex color 331C09.

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
331C09

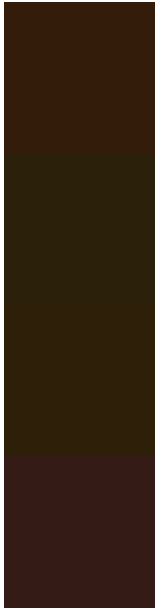
Protanopia
26220B

Deuteranopia
2B2007



Tritanopia
341A1C

Trichromacy



Original Color
331C09

Protanomaly
2B200A

Deuteranomaly
2E1F08

Tritanomaly
341B15

Monochromacy



Original Color
331C09

Achromatopsia
212121

Achromatomaly
281F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 331C09 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 #331C09 looks like.

```
.text, #text, p{  
    color:#331C09  
}
```

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 #331C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #331C09
}
```

Border

The CSS property to change the border of an element to Hex 331C09 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".

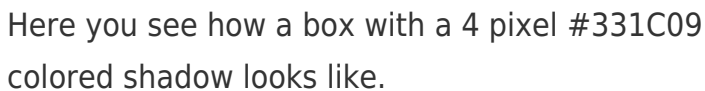
```
.border, #border, table{ border:4px solid
#331C09 }
```

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

```
.border{ border-color:#331C09 }
```

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

Here you see how a box with a 4 pixel #331C09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #331C09; -webkit-box-shadow:4px 4px  
4px 4px #331C09; box-shadow:4px 4px 4px  
4px #331C09 }
```

Background

The CSS property to change the background color of an element to Hex 331C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#331C09 }
```

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

```
.background{ background-color:#331C09 }
```

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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