

Converting Colors

Hex(301D09)

Have a look what the booklet for
Hex(301D09) contains.

Hex(301D09)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(301D09)

Conversions

Conversions Part 1

Format	Color
Hex	301D09
RGB	48, 29, 9
RGB Percent	19%, 11%, 4%
CMY	0.8118, 0.8863, 0.9647
CMYK	0.00, 0.40, 0.81, 0.81
HSL	31°, 68%, 11%
HSV	31°, 81%, 19%
XYZ	1.7076, 1.5268, 0.4632
YIQ	32.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

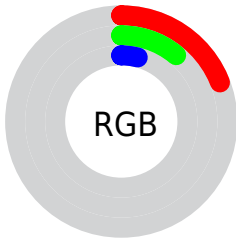
Format	Color
RYB	46, 48, 9
Decimal	3153161
CIELab	12.78, 6.91, 15.41
CIElCh	13, 16.886, 65.834
Yxy	1.5268, 0.4618, 0.4129
Android (android.graphics.Color)	4281343241 (0xFF301D09)
YUV	32.4010, -11.5367, 13.6803
Hunter-Lab	12.3565, 3.0438, 6.4272

Details

The Hex color **301D09** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **091C30**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **604935**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301B04**, and if you desaturate by 10%, it is **301F0E**.

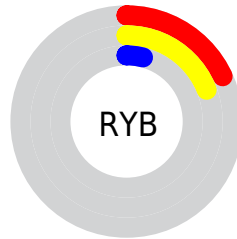
Distribution



 Red (19%)

 Green (11%)

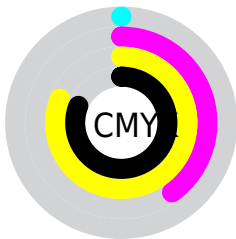
 Blue (4%)



 Red (18%)

 Yellow (19%)

 Blue (4%)

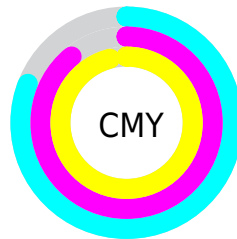


 Cyan (0%)

 Magenta (40%)

 Yellow (81%)

 Black (81%)



 Cyan (81%)

 Magenta (89%)

 Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301D09 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 301D09 by changing the saturation by 10% instead.

 301D09

 301D09

 FFFFE9

 1A0400

 604935

 000000

 79604C

 937964

 AE937D

 CAAD97

 E6C9B2

 FFE5CD

 301D09

 301D09

■ 301B04

■ 301F0E

■ 301900

■ 302213

■ 302417

■ 30261C

■ 302921

■ 302B26

■ 302D2B

■ 30302F

■ 303234

Harmonies

Analogous

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



361914



301D09



262105

Triad

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



301D09



002723



251D34

Complementary

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



301D09



091C30

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.



112238



301D09



00272E

Square

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



301D09



092617



002536



31192B

Rectangle

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



301D09



1E2309



002536



1F1F36

Sweetspot

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



301D09



3D362F



30091C



1F1A16



9E9E9E



1F1F1F

Same Dimension

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



301D09



3D2001



303009



171615



572C00



D66E00

Inverse Universe

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



091C30



011E3D



090930



151617



002A57



0068D6

Previews

White Background



This preview shows how the Hex color 301D09 looks on a white background.

Color Contrast Check

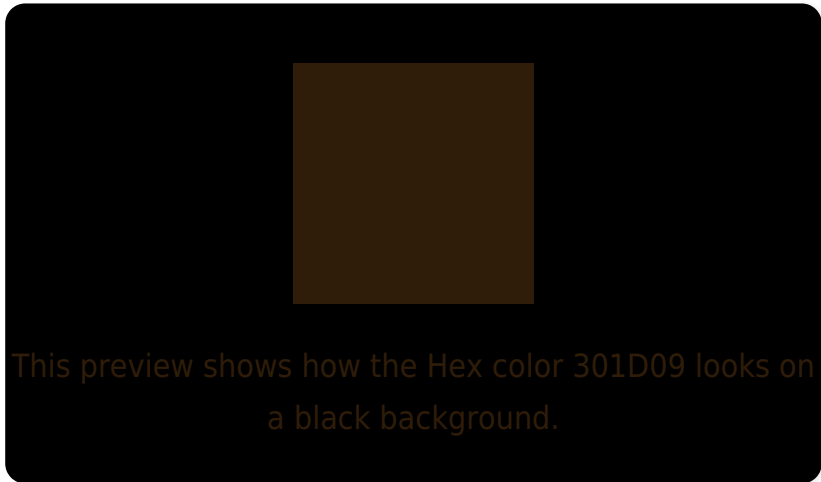
Large Text (above 18pt) WCAG AA ✓ Pass

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

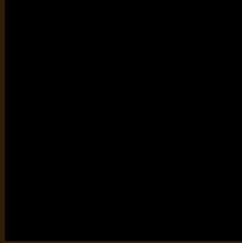
Any Text WCAG AA × Fail

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 301D09 Background



This preview shows how black text looks on a background with the Hex color 301D09.

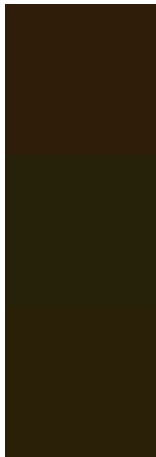


This preview shows how white text looks on a background with the Hex color 301D09.

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](#).

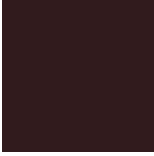
Dichromacy



Original Color
301D09

Protanopia
26220A

Deuteranopia
2A2008



Tritanopia
311B1D

Trichromacy



Original Color
301D09

Protanomaly
2A200A

Deuteranomaly
2C1F08

Tritanomaly
311C16

Monochromacy



Original Color
301D09

Achromatopsia
202020

Achromatomaly
261F18

CSS Examples

Text

The CSS property to change the color of the text to Hex 301D09 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 #301D09 looks like.

```
.text, #text, p{  
    color:#301D09  
}
```

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 #301D09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301D09
}
```

Border

The CSS property to change the border of an element to Hex 301D09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

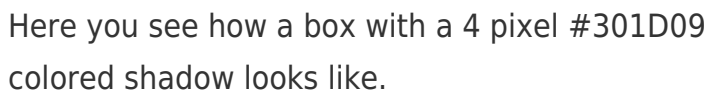
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301D09 }
```

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

```
.border{ border-color:#301D09 }
```

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



Here you see how a box with a 4 pixel #301D09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301D09; -webkit-box-shadow:4px 4px  
4px 4px #301D09; box-shadow:4px 4px 4px  
4px #301D09 }
```

Background

The CSS property to change the background color of an element to Hex 301D09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301D09 }
```

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

```
.background{ background-color:#301D09 }
```

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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