

Converting Colors

Hex(301A1A)

Have a look what the booklet for
Hex(301A1A) contains.

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Color

Hex(301A1A)

Conversions

Conversions Part 1

Format	Color
Hex	301A1A
RGB	48, 26, 26
RGB Percent	19%, 10%, 10%
CMY	0.8118, 0.8980, 0.8980
CMYK	0.00, 0.46, 0.46, 0.81
HSL	0°, 30%, 15%
HSV	0°, 46%, 19%
XYZ	1.7748, 1.4417, 1.1620
YIQ	32.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

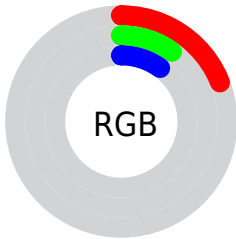
Format	Color
RYB	48, 26, 26
Decimal	3152410
CIELab	12.23, 10.96, 4.64
CIElCh	12, 11.900, 22.971
Yxy	1.4417, 0.4053, 0.3293
Android (android.graphics.Color)	4281342490 (0xFF301A1A)
YUV	32.5780, -3.2430, 13.5251
Hunter-Lab	12.0073, 5.3710, 2.6672

Details

The Hex color **301A1A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A3030**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5F4545**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301515**, and if you desaturate by 10%, it is **301F1F**.

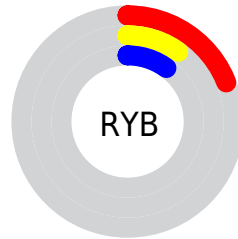
Distribution



Red (19%)

Green (10%)

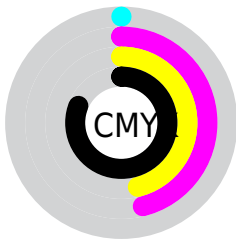
Blue (10%)



Red (19%)

Yellow (10%)

Blue (10%)

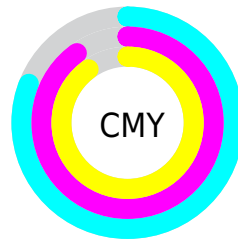


Cyan (0%)

Magenta (46%)

Yellow (46%)

Black (81%)



Cyan (81%)

Magenta (90%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301A1A 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 301A1A by changing the saturation by 10% instead.

■ 301A1A

■ 301A1A

■ FFFEFD

■ 1D0000

■ 5F4545

■ 000000

■ 785D5C

■ 927675

■ AD908F

■ C9AAA9

■ E5C5C4

■ FFE1E0

■ 301A1A

■ 301A1A

■ 301515

■ 301F1F

■ 301010

■ 302424

■ 300C0C

■ 302828

■ 300707

■ 302D2D

■ 300202

■ 303232

■ 300000

■ 303737

■ 303C3C

■ 304040

■ 304545

Harmonies

Analogous

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



2F1A22



301A1A



2D1C13

Triad

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



301A1A



162316



112130

Complementary

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



301A1A



1A3030

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.



05232D



301A1A



0B241E

Square

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



301A1A



1F2110



032426



1E1F2F

Rectangle

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



301A1A



2A1E10



032426



0C222F

Sweetspot

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



301A1A



3D3535



301A30



1F1919



9E9E9E



1F1F1F

Same Dimension

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



301A1A



3D1C1C



30251A



171515



570000



D60000

Inverse Universe

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



1A3030



1C3D3D



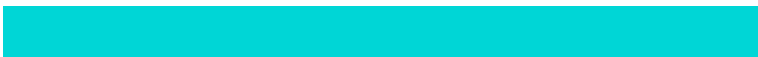
1A2530



151717



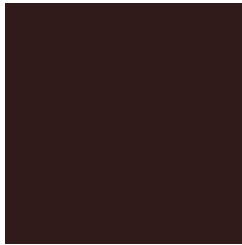
005757



00D6D6

Previews

White Background



This preview shows how the Hex color 301A1A looks on a white background.

Color Contrast Check

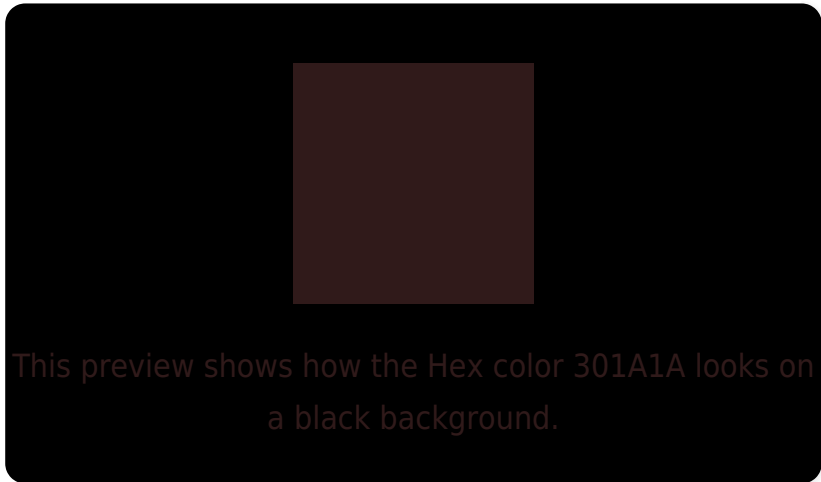
Large Text (above 18pt) WCAG AA ✓ Pass

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 301A1A Background



This preview shows how black text looks on a background with the Hex color 301A1A.

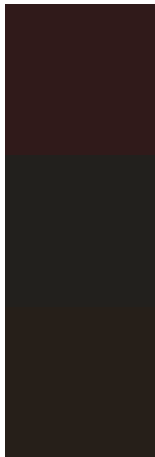


This preview shows how white text looks on a background with the Hex color 301A1A.

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

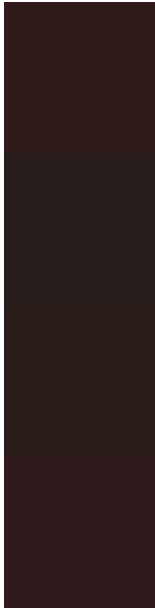


Original Color
301A1A

Protanopia
22201D

Deuteranopia
261F19

Trichromacy



Original Color

301A1A

Protanomaly

271E1C

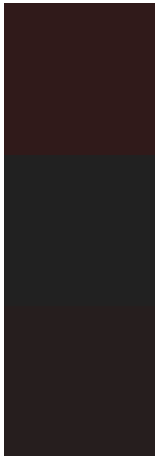
Deuteranomaly

2A1D19

Tritanomaly

301A1B

Monochromacy



Original Color

301A1A

Achromatopsia

212121

Achromatomaly

261E1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 301A1A 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 #301A1A looks like.

```
.text, #text, p{  
    color:#301A1A  
}
```

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 #301A1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301A1A
}
```

Border

The CSS property to change the border of an element to Hex 301A1A is called "border". The border property can be set on classes, ids or directly on the HTML element.

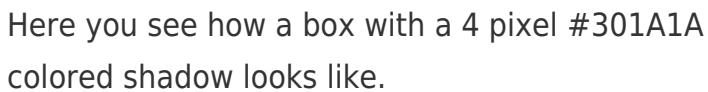
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#301A1A }
```

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

```
.border{ border-color:#301A1A }
```

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



Here you see how a box with a 4 pixel #301A1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301A1A; -webkit-box-shadow:4px 4px  
4px 4px #301A1A; box-shadow:4px 4px 4px  
4px #301A1A }
```

Background

The CSS property to change the background color of an element to Hex 301A1A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301A1A }
```

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

```
.background{ background-color:#301A1A }
```

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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