

Converting Colors

Hex(301D06)

Have a look what the booklet for
Hex(301D06) contains.

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Color

Hex(301D06)

Conversions

Conversions Part 1

Format	Color
Hex	301D06
RGB	48, 29, 6
RGB Percent	19%, 11%, 2%
CMY	0.8118, 0.8863, 0.9765
CMYK	0.00, 0.40, 0.87, 0.81
HSL	33°, 78%, 11%
HSV	33°, 88%, 19%
XYZ	1.6912, 1.5203, 0.3766
YIQ	32.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

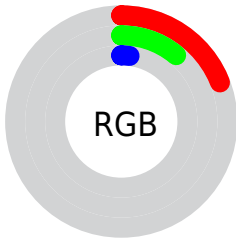
Format	Color
RYB	41, 48, 6
Decimal	3153158
CIELab	12.74, 6.67, 16.57
CIELCh	13, 17.864, 68.078
Yxy	1.5203, 0.4713, 0.4237
Android (android.graphics.Color)	4281343238 (0xFF301D06)
YUV	32.0590, -12.8471, 13.9803
Hunter-Lab	12.3299, 2.9057, 6.8200

Details

The Hex color **301D06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **061930**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **604933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **301B01**, and if you desaturate by 10%, it is **301F0B**.

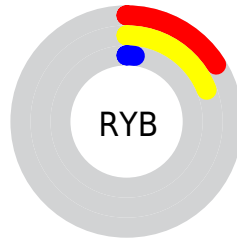
Distribution



Red (19%)

Green (11%)

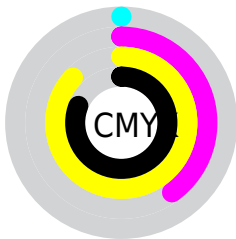
Blue (2%)



Red (16%)

Yellow (19%)

Blue (2%)

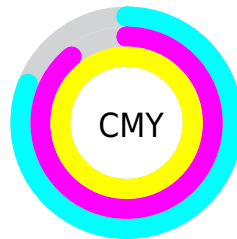


Cyan (0%)

Magenta (40%)

Yellow (87%)

Black (81%)



Cyan (81%)

Magenta (89%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 301D06 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 301D06 by changing the saturation by 10% instead.

 301D06

 301D06

 FFFFE7

 190400

 604933

 000000

 79604A

 937962

 AE937B

 CAAD95

 E7C9AF

 FFE5CB

 301D06

 301D06

■ 301B01

■ 301F0B

■ 301A00

■ 302110

■ 302414

■ 302619

■ 30281E

■ 302A23

■ 302C28

■ 302E2C

■ 303131

Harmonies

Analogous

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



361912



301D06



262103

Triad

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



301D06



002724



261C34

Complementary

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



301D06



061930

Split Complementary

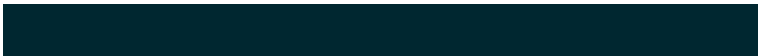
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112139



301D06



002730

Square

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



301D06



062717



002538



33182A

Rectangle

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



301D06



1D2407



002538



201E37

Sweetspot

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



301D06



3D362D



30061A



1F1A15



9E9E9E



1F1F1F

Same Dimension

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



301D06



3D2200



2F3006



171615



572F00



D67500

Inverse Universe

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



061930



001C3D



070630



151617



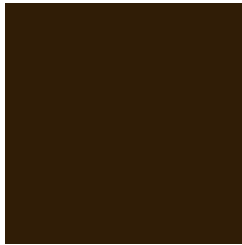
002757



0061D6

Previews

White Background



This preview shows how the Hex color 301D06 looks on a white background.

Color Contrast Check

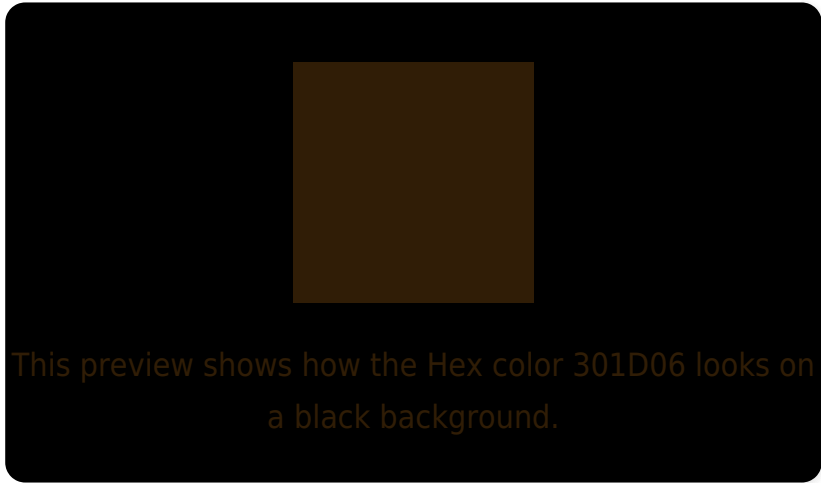
Large Text (above 18pt) WCAG AA ✓ Pass

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

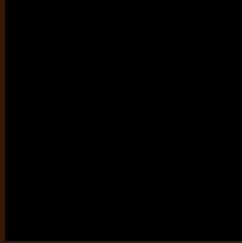
Any Text WCAG AA × Fail

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 301D06 Background



This preview shows how black text looks on a background with the Hex color 301D06.

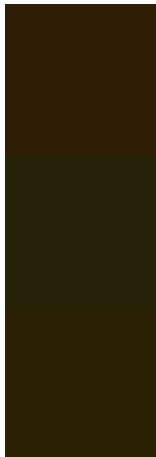


This preview shows how white text looks on a background with the Hex color 301D06.

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
301D06

Protanopia
262207

Deuteranopia
2A2004



Tritanopia
311B1D

Trichromacy



Original Color
301D06

Protanomaly
2A2007

Deuteranomaly
2C1F05

Tritanomaly
311C15

Monochromacy



Original Color
301D06

Achromatopsia
202020

Achromatomaly
261F17

CSS Examples

Text

The CSS property to change the color of the text to Hex 301D06 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 #301D06 looks like.

```
.text, #text, p{  
    color:#301D06  
}
```

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 #301D06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #301D06
}
```

Border

The CSS property to change the border of an element to Hex 301D06 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".

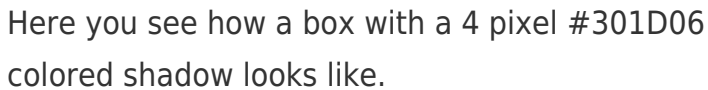
```
.border, #border, table{ border:4px solid
#301D06 }
```

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

```
.border{ border-color:#301D06 }
```

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

Here you see how a box with a 4 pixel #301D06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #301D06; -webkit-box-shadow:4px 4px  
4px 4px #301D06; box-shadow:4px 4px 4px  
4px #301D06 }
```

Background

The CSS property to change the background color of an element to Hex 301D06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#301D06 }
```

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

```
.background{ background-color:#301D06 }
```

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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