

Converting Colors

Hex(300A1D)

Have a look what the booklet for
Hex(300A1D) contains.

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Color

Hex(300A1D)

Conversions

Conversions Part 1

Format	Color
Hex	300A1D
RGB	48, 10, 29
RGB Percent	19%, 4%, 11%
CMY	0.8118, 0.9608, 0.8863
CMYK	0.00, 0.79, 0.40, 0.81
HSL	330°, 66%, 11%
HSV	330°, 79%, 19%
XYZ	1.5492, 0.9342, 1.2611
YIQ	23.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

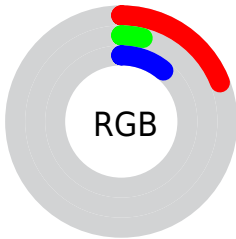
Format	Color
RYB	48, 10, 29
Decimal	3148317
CIELab	8.43, 21.47, -3.13
CIELCh	8, 21.697, 351.709
Yxy	0.9342, 0.4137, 0.2495
Android (android.graphics.Color)	4281338397 (0xFF300A1D)
YUV	23.5280, 2.6977, 21.4619
Hunter-Lab	9.6652, 11.6975, -0.9701




Details

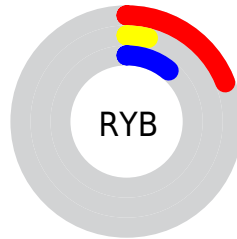
The Hex color **300A1D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A301D**, and the grayscale version is **171717**.




A 20% lighter version of the original color is **603648**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **30051B**, and if you desaturate by 10%, it is **300F1F**.

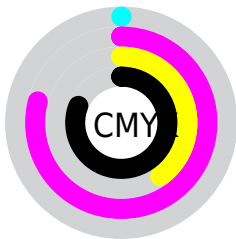
Distribution







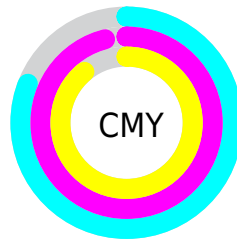
-  Red (19%)
-  Green (4%)
-  Blue (11%)






-  Red (19%)
-  Yellow (4%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (79%)
-  Yellow (40%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (96%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300A1D 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 300A1D by changing the saturation by 10% instead.


 300A1D

 300A1D

 FFECFF

 1C0002

 603648

 000000

 7A4E60

 946679

 AF7F93

 CB99AD

 E7B4C8

 FFD0E5

 300A1D

 300A1D

■ 30051B

■ 300F1F

■ 300018

■ 301422

■ 301824

■ 301D27

■ 302229

■ 30272B

■ 302C2E

■ 303030

■ 303533

Harmonies

Analogous

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



26102A



300A1D



320A0C

Triad

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



300A1D



161B00



001E2F

Complementary

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



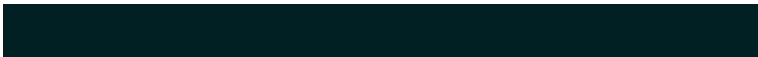
300A1D



0A301D

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.



002023



300A1D



021E00

Square

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



300A1D



231600



002013



001B35

Rectangle

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



300A1D



300E00



002013



001F2B

Sweetspot

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



300A1D



3D2F36



1D0A30



1F161A



9E9E9E



1F1F1F

Same Dimension

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



300A1D



3D0320



300A0A



171516



57002B



D6006B

Inverse Universe

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



300A1D



3D0320



0A3030



171516



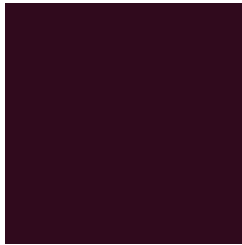
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 300A1D looks on a white background.

Color Contrast Check

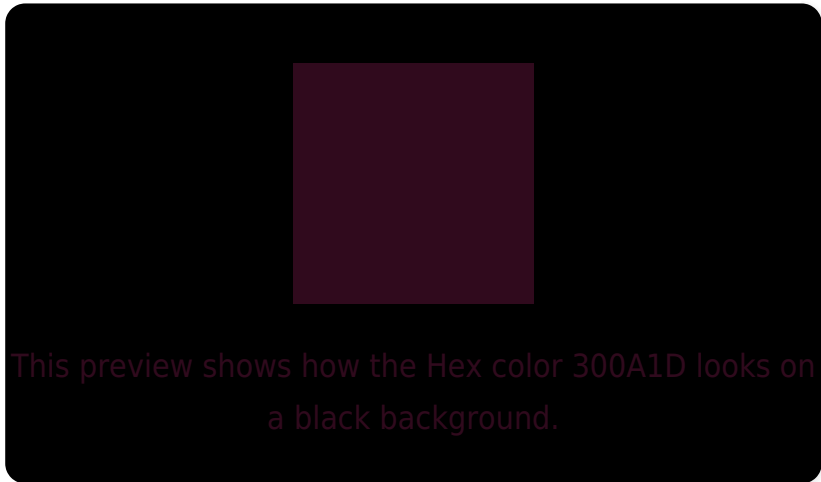
Large Text (above 18pt) WCAG AA ✓ Pass

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

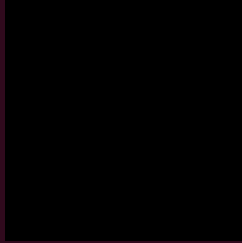
Any Text WCAG AA × Fail

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 300A1D Background



This preview shows how black text looks on a background with the Hex color 300A1D.



This preview shows how white text looks on a background with the Hex color 300A1D.

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](#).

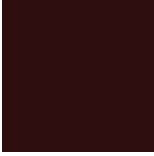
Dichromacy



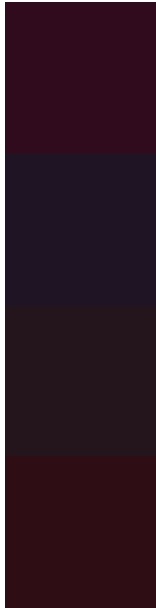
Original Color
300A1D

Protanopia
161A27

Deuteranopia
1D1A1B



Trichromacy



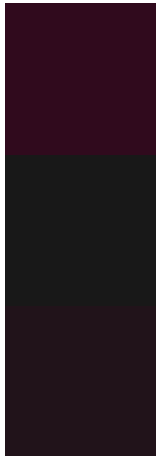
Original Color
300A1D

Protanomaly
1F1423

Deuteranomaly
24141C

Tritanomaly
2F0D14

Monochromacy



Original Color
300A1D

Achromatopsia
181818

Achromatomaly
21131A

CSS Examples

Text

The CSS property to change the color of the text to Hex 300A1D 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 #300A1D looks like.

```
.text, #text, p{  
    color:#300A1D  
}
```

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 #300A1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300A1D
}
```

Border

The CSS property to change the border of an element to Hex 300A1D is called "border". The border property can be set on classes, ids or directly on the HTML element.

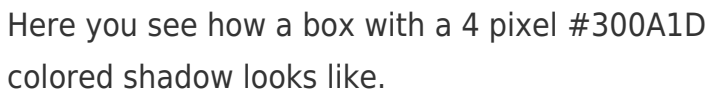
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300A1D }
```

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

```
.border{ border-color:#300A1D }
```

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



Here you see how a box with a 4 pixel #300A1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300A1D; -webkit-box-shadow:4px 4px  
4px 4px #300A1D; box-shadow:4px 4px 4px  
4px #300A1D }
```

Background

The CSS property to change the background color of an element to Hex 300A1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300A1D }
```

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

```
.background{ background-color:#300A1D }
```

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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