

Converting Colors

Hex(300C03)

Have a look what the booklet for
Hex(300C03) contains.

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Color

Hex(300C03)

Conversions

Conversions Part 1

Format	Color
Hex	300C03
RGB	48, 12, 3
RGB Percent	19%, 5%, 1%
CMY	0.8118, 0.9529, 0.9882
CMYK	0.00, 0.75, 0.94, 0.81
HSL	12°, 88%, 10%
HSV	12°, 94%, 19%
XYZ	1.3668, 0.8979, 0.1874
YIQ	21.7380, 24.3450, 4.8330

Conversions

Conversions Part 2

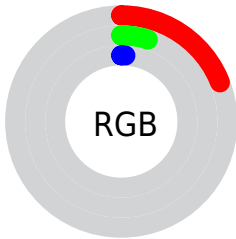
Format	Color
RYB	48, 14, 3
Decimal	3148803
CIELab	8.11, 17.67, 11.30
CIElCh	8, 20.972, 32.610
Yxy	0.8979, 0.5574, 0.3662
Android (android.graphics.Color)	4281338883 (0xFF300C03)
YUV	21.7380, -9.2378, 23.0318
Hunter-Lab	9.4757, 9.1653, 5.4603

Details

The Hex color **300C03** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032730**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **603732**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300A00**, and if you desaturate by 10%, it is **301008**.

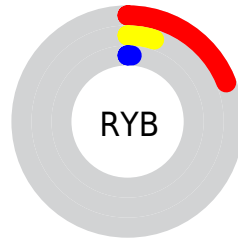
Distribution



Red (19%)

Green (5%)

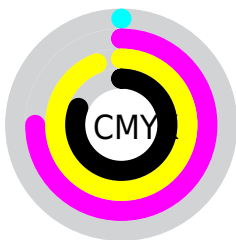
Blue (1%)



Red (19%)

Yellow (5%)

Blue (1%)

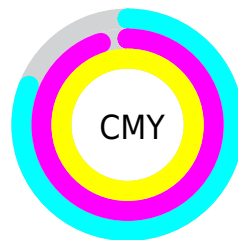


Cyan (0%)

Magenta (75%)

Yellow (94%)

Black (81%)



Cyan (81%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 300C03 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 300C03 by changing the saturation by 10% instead.

 300C03

 300C03

 FFEDE4

 150000

 603732

 000000

 7A4E48

 956760

 B08079

 CC9A92

 E9B5AD

 FFD1C8

 300C03

 300C03

■ 300A00

■ 301008

■ 30140D

■ 301811

■ 301B16

■ 301F1B

■ 302320

■ 302725

■ 302B29

■ 302F2E

Harmonies

Analogous

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



300917



300C03



291200

Triad

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



300C03



001E05



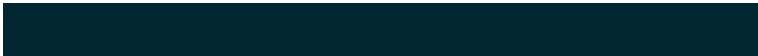
001934

Complementary

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



300C03



032730

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.



001D30



300C03



001F18

Square

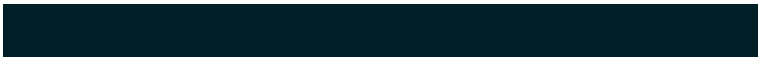
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300C03



0F1B00



001F26



19132F

Rectangle

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



300C03



221600



001F26



001A33

Sweetspot

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



300C03



3D2F2C



300327



1F1614



9E9E9E



1F1F1F

Same Dimension

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



300C03



3D0C00



302303



171515



571100



D62B00

Inverse Universe

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



032730



00313D



031030



151617



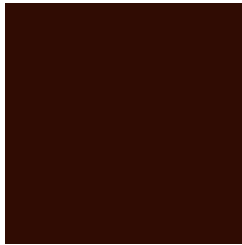
004557



00ABD6

Previews

White Background



This preview shows how the Hex color 300C03 looks on a white background.

Color Contrast Check

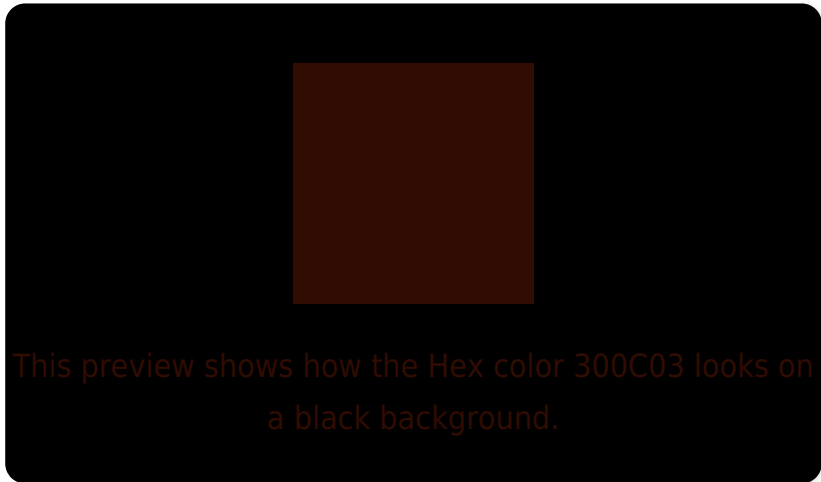
Large Text (above 18pt) WCAG AA ✓ Pass

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

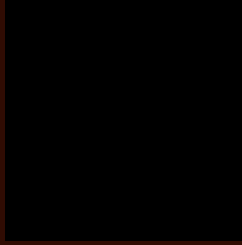
Any Text WCAG AA × Fail

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 300C03 Background



This preview shows how black text looks on a background with the Hex color 300C03.

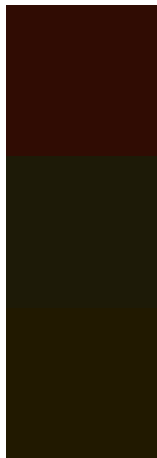


This preview shows how white text looks on a background with the Hex color 300C03.

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](#).

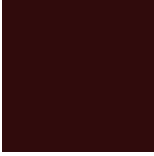
Dichromacy



Original Color
300C03

Protanopia
1D1A07

Deuteranopia
211900



Tritanopia
300B0C

Trichromacy



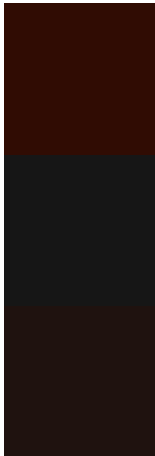
Original Color
300C03

Protanomaly
241506

Deuteranomaly
261401

Tritanomaly
300B09

Monochromacy



Original Color
300C03

Achromatopsia
161616

Achromatomaly
1F120F

CSS Examples

Text

The CSS property to change the color of the text to Hex 300C03 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 #300C03 looks like.

```
.text, #text, p{  
    color:#300C03  
}
```

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 #300C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300C03
}
```

Border

The CSS property to change the border of an element to Hex 300C03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

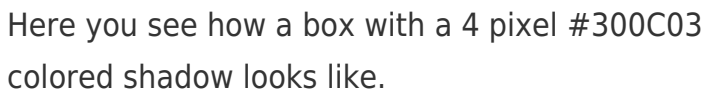
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300C03 }
```

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

```
.border{ border-color:#300C03 }
```

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



Here you see how a box with a 4 pixel `#300C03` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300C03; -webkit-box-shadow:4px 4px  
4px 4px #300C03; box-shadow:4px 4px 4px  
4px #300C03 }
```

Background

The CSS property to change the background color of an element to Hex 300C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300C03 }
```

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

```
.background{ background-color:#300C03 }
```

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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