

# Converting Colors

Hex(300D03)

Have a look what the booklet for  
Hex(300D03) contains.

<b>Hex(300D03)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(300D03)**

# Conversions

## Conversions Part 1

Format	Color
Hex	300D03
RGB	48, 13, 3
RGB Percent	19%, 5%, 1%
CMY	0.8118, 0.9490, 0.9882
CMYK	0.00, 0.73, 0.94, 0.81
HSL	13°, 88%, 10%
HSV	13°, 94%, 19%
XYZ	1.3793, 0.9228, 0.1916
YIQ	22.3250, 24.0700, 4.3100

# Conversions

## Conversions Part 2

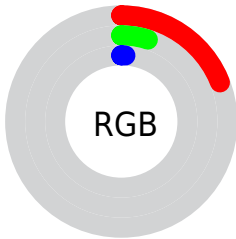
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 16, 3
Decimal	3149059
CIE Lab	8.33, 17.08, 11.62
CIE LCh	8, 20.662, 34.234
Yxy	0.9228, 0.5531, 0.3701
Android (android.graphics.Color)	4281339139 (0xFF300D03)
YUV	22.3250, -9.5272, 22.5170
Hunter-Lab	9.6063, 8.8184, 5.5420

# Details

The Hex color **300D03** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032630**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **603832**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300B00**, and if you desaturate by 10%, it is **301108**.

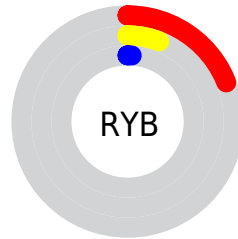
# Distribution



Red (19%)

Green (5%)

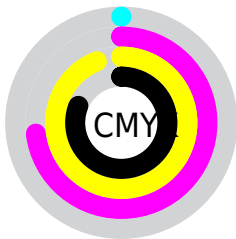
Blue (1%)



Red (19%)

Yellow (6%)

Blue (1%)

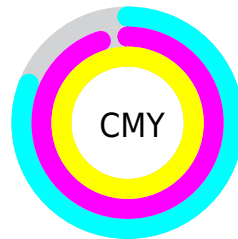


Cyan (0%)

Magenta (73%)

Yellow (94%)

Black (81%)



Cyan (81%)

Magenta (95%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 300D03 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 300D03 by changing the saturation by 10% instead.



 300D03

 300D03

 FFEEE4

 160000

 603832

 000000

 7A4F48

 956860

 B08179

 CC9B92

 E9B6AD

 FFD2C8

 300D03

 300D03

■ 300B00

■ 301108

■ 30140D

■ 301811

■ 301C16

■ 30201B

■ 302320

■ 302725

■ 302B29

■ 302F2E

# Harmonies

## Analogous

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



300A17



300D03



291300

# Triad

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



300D03



001F08



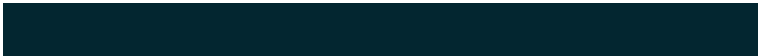
001934

# Complementary

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



300D03



032630

# 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.



001D31



300D03



00201A

# Square

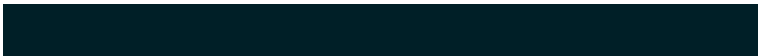
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



300D03



101C00



001F27



1B142F

# Rectangle

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



300D03



221700



001F27



001B33



# Sweetspot

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



300D03



3D302C



300326



1F1714



9E9E9E



1F1F1F



# Same Dimension

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



300D03



3D0E00



302303



171515



571300



D63000



# Inverse Universe

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



032630



00303D



031030



151617



004357

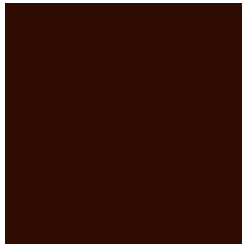


00A7D6



# Previews

## White Background



This preview shows how the Hex color 300D03 looks on a white background.

## Color Contrast Check

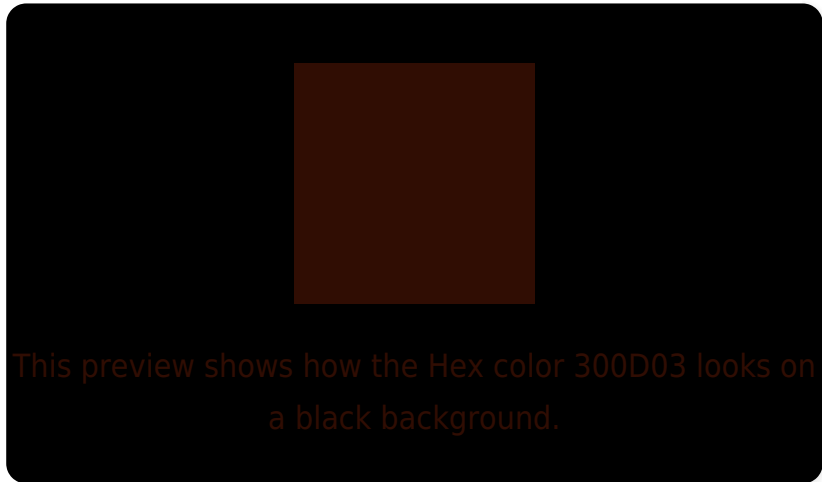
Large Text (above 18pt) WCAG AA ✓ Pass

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

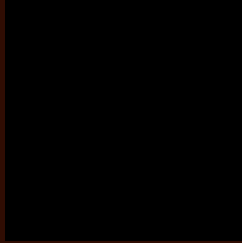
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 300D03 Background



This preview shows how black text looks on a background with the Hex color 300D03.

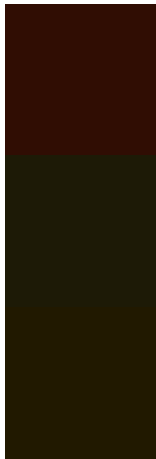


This preview shows how white text looks on a background with the Hex color 300D03.

# 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](#).

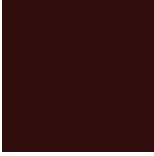
## Dichromacy



**Original Color**  
300D03

**Protanopia**  
1D1A06

**Deuteranopia**  
211900



**Tritanopia**  
300C0D

# Trichromacy



**Original Color**

300D03

**Protanomaly**

241505

**Deuteranomaly**

261501

**Tritanomaly**

300C09

# Monochromacy



**Original Color**

300D03

**Achromatopsia**

161616

**Achromatomaly**

1F130F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 300D03 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 #300D03 looks like.

```
.text, #text, p{  
    color:#300D03  
}
```

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 #300D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #300D03
}
```

## Border

The CSS property to change the border of an element to Hex 300D03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

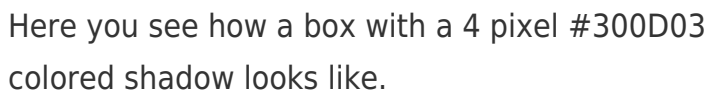
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#300D03 }
```

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

```
.border{ border-color:#300D03 }
```

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



Here you see how a box with a 4 pixel #300D03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #300D03; -webkit-box-shadow:4px 4px  
4px 4px #300D03; box-shadow:4px 4px 4px  
4px #300D03 }
```

# Background

The CSS property to change the background color of an element to Hex 300D03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#300D03 }
```

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

```
.background{ background-color:#300D03 }
```

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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