

Converting Colors

Hex(00300D)

Have a look what the booklet for
Hex(00300D) contains.

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Color

Hex(00300D)

Conversions

Conversions Part 1

Format	Color
Hex	00300D
RGB	0, 48, 13
RGB Percent	0%, 19%, 5%
CMY	1.0000, 0.8118, 0.9490
CMYK	1.00, 0.00, 0.73, 0.81
HSL	136°, 100%, 9%
HSV	136°, 100%, 19%
XYZ	1.1296, 2.1430, 0.7349
YIQ	29.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

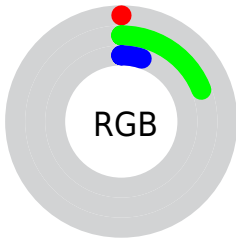
Format	Color
RYB	0, 38, 48
Decimal	12301
CIELab	16.22, -24.78, 17.45
CIELCh	16, 30.308, 144.836
Yxy	2.1430, 0.2819, 0.5347
Android (android.graphics.Color)	4278202381 (0xFF00300D)
YUV	29.6580, -8.2124, -26.0101
Hunter-Lab	14.6389, -11.8442, 7.2709

Details

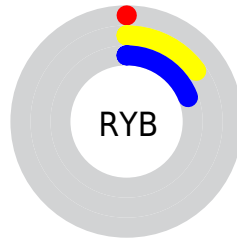
The Hex color **00300D** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300023**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325F38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00300D**, and if you desaturate by 10%, it is **053010**.

Distribution



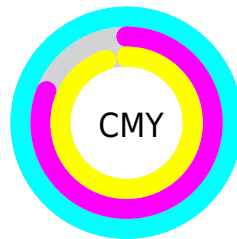
- Red (0%)
- Green (19%)
- Blue (5%)



- Red (0%)
- Yellow (15%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00300D 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 00300D by changing the saturation by 10% instead.

 00300D

 00300D

 EBFEE

 001D00

 325F38

 000000

 4A784F

 639268

 7DAC81

 97C89B

 B3E4B6

 CEFFD1

 00300D

■ 053010

■ 0A3014

■ 0E3017

■ 13301B

■ 18301E

■ 1D3022

■ 223025

■ 263029

■ 2B302D

Harmonies

Analogous

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



222C00



00300D



003224

Triad

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



00300D



002C53



4E1318

Complementary

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



00300D



300023

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.



4C112D



00300D



1F2450

Square

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



00300D



00304B



3E1A41



451D00

Rectangle

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



00300D



003233



3E1A41



4E111F

Sweetspot

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



00300D



2B3D30



233000



141F17



9E9E9E



1F1F1F

Same Dimension

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



00300D



003D11



003025



151715



005717



00D63A

Inverse Universe

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



300023



3D002D



30000B



171516



57003F



D6009C

Previews

White Background



This preview shows how the Hex color 00300D looks on a white background.

Color Contrast Check

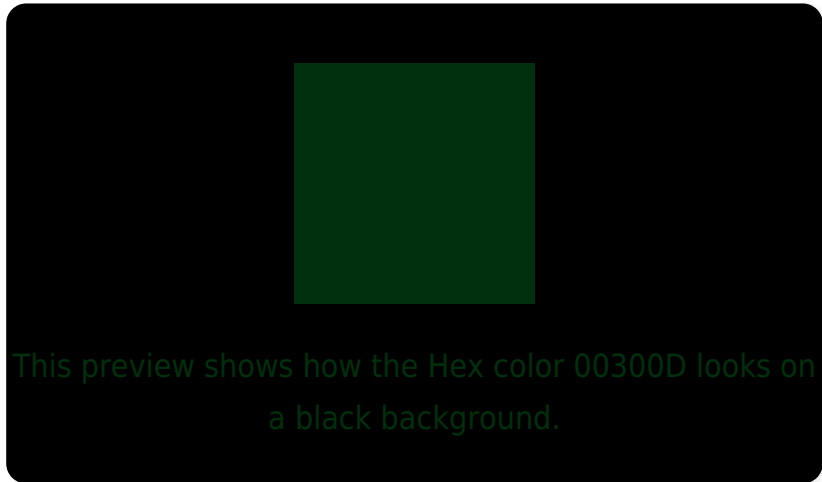
Large Text (above 18pt) WCAG AA ✓ Pass

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

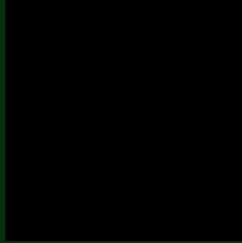
Any Text WCAG AA × Fail

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 00300D Background



This preview shows how black text looks on a background with the Hex color 00300D.



This preview shows how white text looks on a background with the Hex color 00300D.

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
00300D

Protanopia
2E290B

Deuteranopia
332710



Tritanopia
142D30

Trichromacy



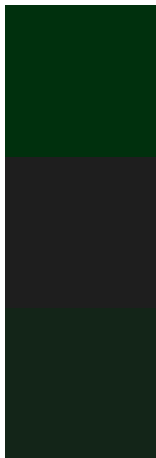
Original Color
00300D

Protanomaly
1D2C0C

Deuteranomaly
202A0F

Tritanomaly
0D2E23

Monochromacy



Original Color
00300D

Achromatopsia
1E1E1E

Achromatomaly
132518

CSS Examples

Text

The CSS property to change the color of the text to Hex 00300D 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 #00300D looks like.

```
.text, #text, p{  
    color:#00300D  
}
```

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 #00300D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00300D
}
```

Border

The CSS property to change the border of an element to Hex 00300D 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
#00300D }
```

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

```
.border{ border-color:#00300D }
```

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

Here you see how a box with a 4 pixel #00300D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00300D; -webkit-box-shadow:4px 4px  
4px 4px #00300D; box-shadow:4px 4px 4px  
4px #00300D }
```

Background

The CSS property to change the background color of an element to Hex 00300D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00300D }
```

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

```
.background{ background-color:#00300D }
```

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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