

Converting Colors

Hex(00300C)

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

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Color

Hex(00300C)

Conversions

Conversions Part 1

Format	Color
Hex	00300C
RGB	0, 48, 12
RGB Percent	0%, 19%, 5%
CMY	1.0000, 0.8118, 0.9529
CMYK	1.00, 0.00, 0.75, 0.81
HSL	135°, 100%, 9%
HSV	135°, 100%, 19%
XYZ	1.1233, 2.1404, 0.7018
YIQ	29.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

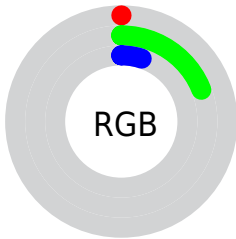
Format	Color
RYB	0, 38, 48
Decimal	12300
CIELab	16.21, -24.93, 17.91
CIELCh	16, 30.698, 144.317
Yxy	2.1404, 0.2833, 0.5398
Android (android.graphics.Color)	4278202380 (0xFF00300C)
YUV	29.5440, -8.6492, -25.9101
Hunter-Lab	14.6303, -11.8977, 7.3972

Details

The Hex color **00300C** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300024**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **325F37**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **00300C**, and if you desaturate by 10%, it is **053010**.

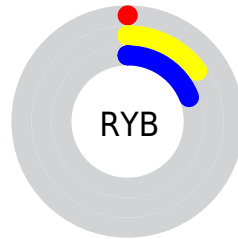
Distribution



Red (0%)

Green (19%)

Blue (5%)



Red (0%)

Yellow (15%)

Blue (19%)

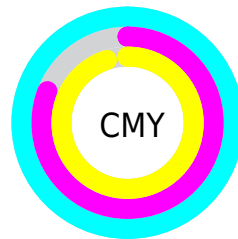


Cyan (100%)

Magenta (0%)

Yellow (75%)

Black (81%)



Cyan (100%)

Magenta (81%)

Yellow (95%)

Brightness & Saturation Gradients

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

 00300C

 00300C

 EBFFED

 001D00

 325F37

 000000

 4A784F

 639267

 7DAC80

 97C89A

 B3E4B5

 CEFFD1

 00300C

■ 053010

■ 0A3013

■ 0E3017

■ 13301A

■ 18301E

■ 1D3022

■ 223025

■ 263029

■ 2B302C

Harmonies

Analogous

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



232C00



00300C



003223

Triad

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



00300C



002C54



4E1318

Complementary

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



00300C



300024

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



00300C



1E2450

Square

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



00300C



00304C



3E1A42



461C00

Rectangle

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



00300C



003232



3E1A42



4F111F

Sweetspot

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



00300C



2B3D2F



243000



141F16



9E9E9E



1F1F1F

Same Dimension

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



00300C



003D0F



003024



151715



005716



00D636

Inverse Universe

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



300024



3D002E



30000C



171516



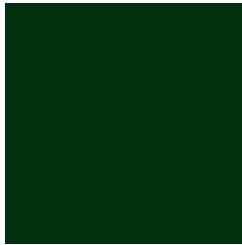
570041



D600A1

Previews

White Background



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

Color Contrast Check

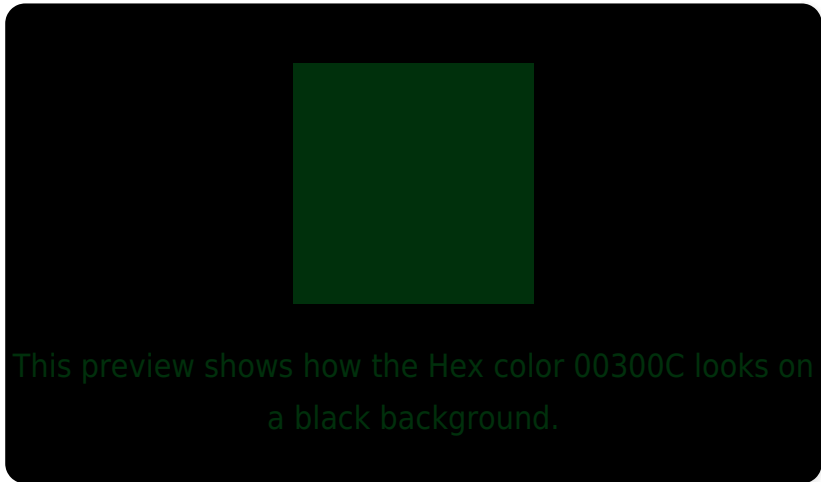
Large Text (above 18pt) WCAG AA ✓ Pass

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

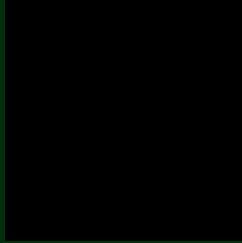
Any Text WCAG AA × Fail

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 00300C Background



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



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

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
00300C

Protanopia
2E290A

Deuteranopia
332710



Tritanopia
142D30

Trichromacy



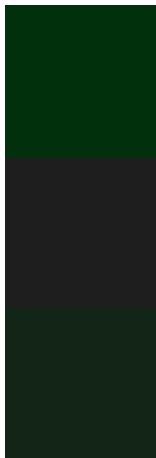
Original Color
00300C

Protanomaly
1D2C0B

Deuteranomaly
202A0F

Tritanomaly
0D2E23

Monochromacy



Original Color
00300C

Achromatopsia
1E1E1E

Achromatomaly
132517

CSS Examples

Text

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

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

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 #00300C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 00300C 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".

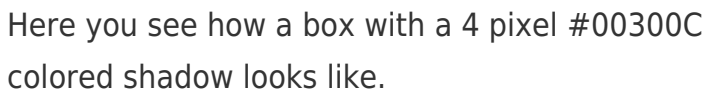
```
.border, #border, table{ border:4px solid
#00300C }
```

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

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

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

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



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

Background

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

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

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

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

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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