

Converting Colors

Hex(0D3C00)

Have a look what the booklet for
Hex(0D3C00) contains.

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Color

Hex(0D3C00)

Conversions

Conversions Part 1

Format	Color
Hex	0D3C00
RGB	13, 60, 0
RGB Percent	5%, 24%, 0%
CMY	0.9490, 0.7647, 1.0000
CMYK	0.78, 0.00, 1.00, 0.76
HSL	107°, 100%, 12%
HSV	107°, 100%, 24%
XYZ	1.7818, 3.3173, 0.5464
YIQ	39.1070, -8.7520, -28.6240

Conversions

Conversions Part 2

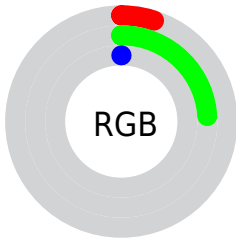
Format	Color
RYB	0, 60, 47
Decimal	867328
CIELab	21.27, -27.83, 28.86
CIELCh	21, 40.094, 133.959
Yxy	3.3173, 0.3156, 0.5876
Android (android.graphics.Color)	4279057408 (0xFF0D3C00)
YUV	39.1070, -19.2798, -22.8958
Hunter-Lab	18.2134, -14.4106, 10.9707

Details

The Hex color **0D3C00** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2F003C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **406C30**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **0D3C00**, and if you desaturate by 10%, it is **123C06**.

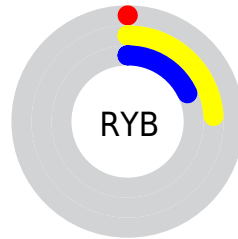
Distribution



Red (5%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (18%)

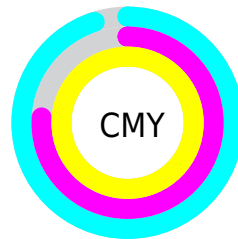


Cyan (78%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (95%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3C00 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 0D3C00 by changing the saturation by 10% instead.

 0D3C00

 0D3C00

 FDFFE5

 002600

 406C30

 000900

 598647

 000000

 72A05F

 8DBB79

 A8D793

 C3F3AD

 E0FFC9

 0D3C00

■ 123C06

■ 163C0C

■ 1B3C12

■ 203C18

■ 253C1E

■ 293C24

■ 2E3C2A

■ 333C30

■ 373C36

Harmonies

Analogous

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



343600



0D3C00



003F22

Triad

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



0D3C00



003B6C



660F27

Complementary

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



0D3C00



2F003C

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.



5F1344



0D3C00



00326D

Square

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



0D3C00



003F5C



45245E



5F1D09

Rectangle

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



0D3C00



004036



45245E



660D30

Sweetspot

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



0D3C00



3C4F37



3C2F00



1D291A



A8A8A8



292929

Same Dimension

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



0D3C00



114F00



003C11



1C1F1C



145E00



30DE00

Inverse Universe

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



2F003C



3E004F



3C002B



1E1C1F



4A005E



AE00DE

Previews

White Background



This preview shows how the Hex color 0D3C00 looks on a white background.

Color Contrast Check

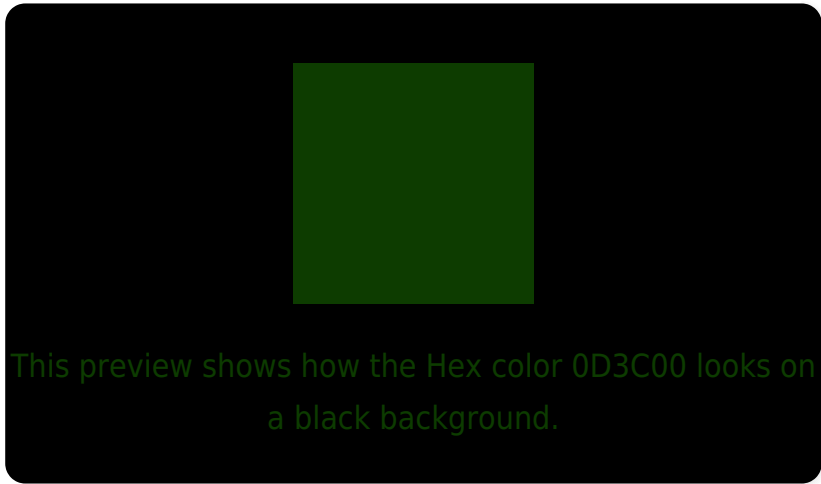
Large Text (above 18pt) WCAG AA ✓ Pass

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

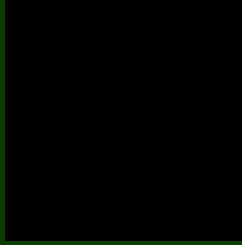
Any Text WCAG AA × Fail

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 0D3C00 Background



This preview shows how black text looks on a background with the Hex color 0D3C00.



This preview shows how white text looks on a background with the Hex color 0D3C00.

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](#).

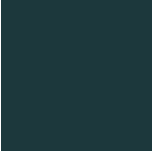
Dichromacy



Original Color
0D3C00

Protanopia
3A3400

Deuteranopia
41310D



Tritanopia
1C383C

Trichromacy



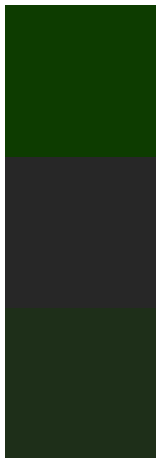
Original Color
0D3C00

Protanomaly
2A3700

Deuteranomaly
2E3508

Tritanomaly
173926

Monochromacy



Original Color
0D3C00

Achromatopsia
272727

Achromatomaly
1E2F19

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3C00 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 #0D3C00 looks like.

```
.text, #text, p{  
    color:#0D3C00  
}
```

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 #0D3C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3C00
}
```

Border

The CSS property to change the border of an element to Hex 0D3C00 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
#0D3C00 }
```

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

```
.border{ border-color:#0D3C00 }
```

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

Here you see how a box with a 4 pixel #0D3C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3C00; -webkit-box-shadow:4px 4px  
4px 4px #0D3C00; box-shadow:4px 4px 4px  
4px #0D3C00 }
```

Background

The CSS property to change the background color of an element to Hex 0D3C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3C00 }
```

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

```
.background{ background-color:#0D3C00 }
```

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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