

Converting Colors

Hex(0D3500)

Have a look what the booklet for
Hex(0D3500) contains.

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Color

Hex(0D3500)

Conversions

Conversions Part 1

Format	Color
Hex	0D3500
RGB	13, 53, 0
RGB Percent	5%, 21%, 0%
CMY	0.9490, 0.7922, 1.0000
CMYK	0.75, 0.00, 1.00, 0.79
HSL	105°, 100%, 10%
HSV	105°, 100%, 21%
XYZ	1.4391, 2.6318, 0.4321
YIQ	34.9980, -6.8270, -24.9630

Conversions

Conversions Part 2

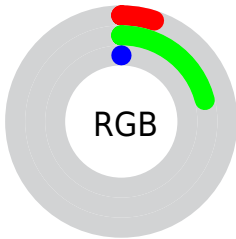
Format	Color
RYB	0, 53, 40
Decimal	865536
CIELab	18.50, -25.03, 25.72
CIELCh	19, 35.892, 134.218
Yxy	2.6318, 0.3196, 0.5844
Android (android.graphics.Color)	4279055616 (0xFF0D3500)
YUV	34.9980, -17.2540, -19.2922
Hunter-Lab	16.2227, -12.5555, 9.7766

Details

The Hex color **0D3500** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **280035**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **3D642F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D3500**, and if you desaturate by 10%, it is **113505**.

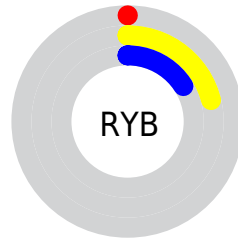
Distribution



Red (5%)

Green (21%)

Blue (0%)



Red (0%)

Yellow (21%)

Blue (16%)

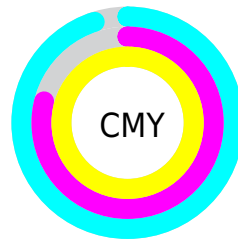


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (79%)



Cyan (95%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D3500 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 0D3500 by changing the saturation by 10% instead.

 0D3500

 0D3500

 F8FFE4

 002100

 3D642F

 000000

 567D46

 6F985E

 89B277

 A4CE91

 BFEAAC

 DCFFC8

 0D3500

■ 113505

■ 15350B

■ 193510

■ 1D3515

■ 21351B

■ 253520

■ 293525

■ 2D352A

■ 313530

Harmonies

Analogous

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



2E3000



0D3500



00381E

Triad

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



0D3500



00345F



5A0E22

Complementary

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



0D3500



280035

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.



54123C



0D3500



002C60

Square

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



0D3500



003851



3D2053



541A06

Rectangle

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



0D3500



003830



3D2053



5A0D2B

Sweetspot

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



0D3500



354530



352800



1A2417



A3A3A3



242424

Same Dimension

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



0D3500



114500



00350D



181A17



165900



35D900

Inverse Universe

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



280035



340045



350028



19171A



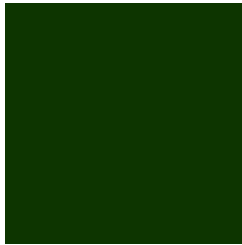
430059



A400D9

Previews

White Background



This preview shows how the Hex color 0D3500 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

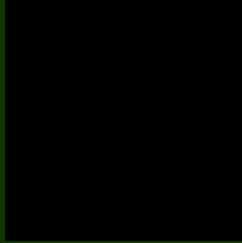
Any Text WCAG AA × Fail

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 0D3500 Background



This preview shows how black text looks on a background with the Hex color 0D3500.



This preview shows how white text looks on a background with the Hex color 0D3500.

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](#).

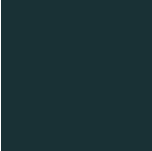
Dichromacy



Original Color
0D3500

Protanopia
332E00

Deuteranopia
392B0B



Tritanopia
193135

Trichromacy



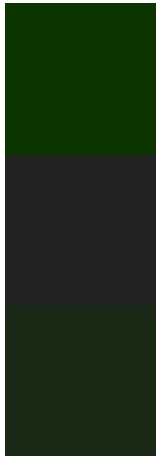
Original Color
0D3500

Protanomaly
253100

Deuteranomaly
292F07

Tritanomaly
153222

Monochromacy



Original Color
0D3500

Achromatopsia
232323

Achromatomaly
1B2A16

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D3500 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 #0D3500 looks like.

```
.text, #text, p{  
    color:#0D3500  
}
```

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 #0D3500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3500
}
```

Border

The CSS property to change the border of an element to Hex 0D3500 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
#0D3500 }
```

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

```
.border{ border-color:#0D3500 }
```

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

Here you see how a box with a 4 pixel #0D3500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3500; -webkit-box-shadow:4px 4px  
4px 4px #0D3500; box-shadow:4px 4px 4px  
4px #0D3500 }
```

Background

The CSS property to change the background color of an element to Hex 0D3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3500 }
```

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

```
.background{ background-color:#0D3500 }
```

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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