

# Converting Colors

Hex(0D3900)

Have a look what the booklet for  
Hex(0D3900) contains.

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# Color

**Hex(0D3900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D3900
RGB	13, 57, 0
RGB Percent	5%, 22%, 0%
CMY	0.9490, 0.7765, 1.0000
CMYK	0.77, 0.00, 1.00, 0.78
HSL	106°, 100%, 11%
HSV	106°, 100%, 22%
XYZ	1.6291, 3.0118, 0.4955
YIQ	37.3460, -7.9270, -27.0550

# Conversions

## Conversions Part 2

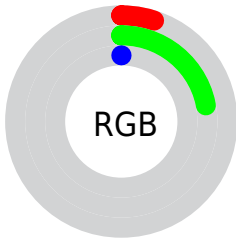
Format	Color
<a href="#">RYB</a>	<a href="#">0, 57, 44</a>
Decimal	<a href="#">866560</a>
CIELab	<a href="#">20.09, -26.65, 27.55</a>
CIELCh	<a href="#">20, 38.332, 134.045</a>
Yxy	<a href="#">3.0118, 0.3172, 0.5864</a>
Android (android.graphics.Color)	<a href="#">4279056640 (0xFF0D3900)</a>
YUV	<a href="#">37.3460, -18.4116, -21.3514</a>
Hunter-Lab	<a href="#">17.3546, -13.6144, 10.4555</a>

# Details

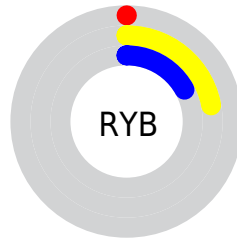
The Hex color **0D3900** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2C0039**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **3F692F**, and **000100** is the 20% darker color. If you saturate the color by 10%, you get **0D3900**, and if you desaturate by 10%, it is **113906**.

# Distribution



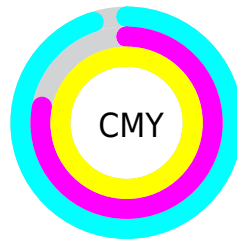
- Red (5%)
- Green (22%)
- Blue (0%)



- Red (0%)
- Yellow (22%)
- Blue (17%)



- Cyan (77%)
- Magenta (0%)
- Yellow (100%)
- Black (78%)



- Cyan (95%)
- Magenta (78%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D3900 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 0D3900 by changing the saturation by 10% instead.



 0D3900

 0D3900

 FBFFE5


 002400

 3F692F

 000100

 578247

 000000

 719C5F

 8BB778

 A6D392

 C2F0AD

 DEFFC8

 0D3900

■ 113906

■ 16390B

■ 1A3911

■ 1F3917

■ 23391D

■ 273922

■ 2C3928

■ 30392E

■ 353933

# Harmonies

## Analogous

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



313300



0D3900



003C20

# Triad

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



0D3900



003867



610E25

# Complementary

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



0D3900



2C0039

# 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.



5A1241



0D3900



003068

# Square

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



0D3900



003C57



422259



5A1C08

# Rectangle

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



0D3900



003D34



422259



610D2E



# Sweetspot

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



0D3900



394A34



392C00



1C2618



A6A6A6



262626



# Same Dimension

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



0D3900



114A00



00390F



1A1C19



155C00



32DB00



# Inverse Universe

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



2C0039



39004A



39002A



1B191C



47005C

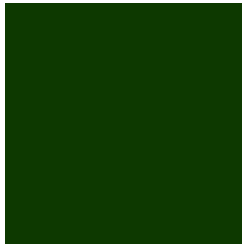


A900DB



# Previews

## White Background



This preview shows how the Hex color 0D3900 looks on a white background.

## Color Contrast Check

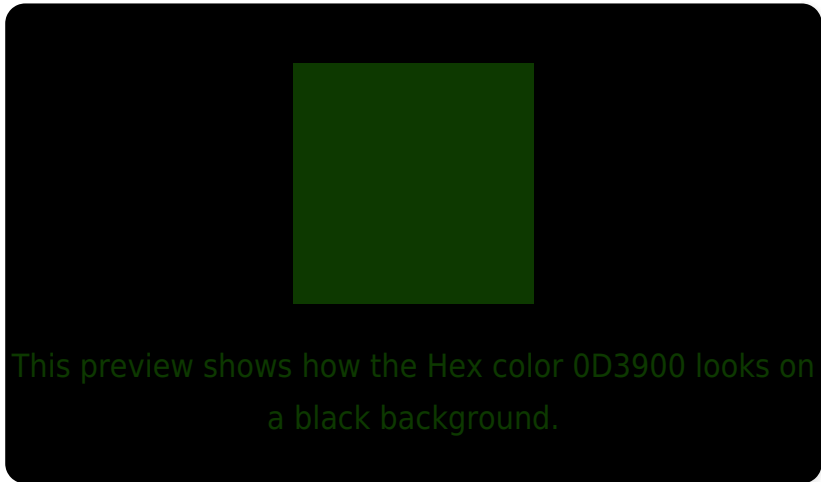
Large Text (above 18pt) WCAG AA ✓ Pass

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

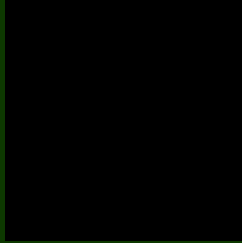
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 0D3900 Background



This preview shows how black text looks on a background with the Hex color 0D3900.



This preview shows how white text looks on a background with the Hex color 0D3900.

# 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](#).

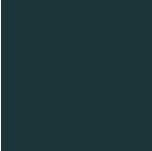
## Dichromacy



**Original Color**  
0D3900

**Protanopia**  
373100

**Deuteranopia**  
3E2E0C



**Tritanopia**  
1B3539

# Trichromacy



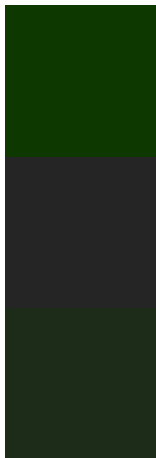
**Original Color**  
0D3900

**Protanomaly**  
283400

**Deuteranomaly**  
2C3208

**Tritanomaly**  
163624

# Monochromacy



**Original Color**  
0D3900

**Achromatopsia**  
252525

**Achromatomaly**  
1C2C18

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D3900 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 #0D3900 looks like.

```
.text, #text, p{  
    color:#0D3900  
}
```

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 #0D3900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D3900
}
```

## Border

The CSS property to change the border of an element to Hex 0D3900 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
#0D3900 }
```

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

```
.border{ border-color:#0D3900 }
```

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

Here you see how a box with a 4 pixel #0D3900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D3900; -webkit-box-shadow:4px 4px  
4px 4px #0D3900; box-shadow:4px 4px 4px  
4px #0D3900 }
```

# Background

The CSS property to change the background color of an element to Hex 0D3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D3900 }
```

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

```
.background{ background-color:#0D3900 }
```

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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