

# Converting Colors

Hex(0D7400)

Have a look what the booklet for  
Hex(0D7400) contains.

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**Color**

**Hex(0D7400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D7400
RGB	13, 116, 0
RGB Percent	5%, 45%, 0%
CMY	0.9490, 0.5451, 1.0000
CMYK	0.89, 0.00, 1.00, 0.55
HSL	113°, 100%, 23%
HSV	113°, 100%, 45%
XYZ	6.4114, 12.5763, 2.0896
YIQ	71.9790, -24.1520, -57.9120

# Conversions

## Conversions Part 2

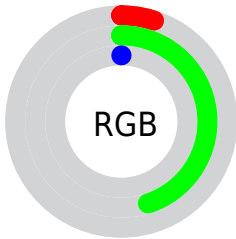
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 116, 103
Decimal	881664
CIELab	42.12, -46.97, 46.66
CIELCh	42, 66.206, 135.193
Yxy	12.5763, 0.3042, 0.5967
Android (android.graphics.Color)	4279071744 (0xFF0D7400)
YUV	71.9790, -35.4856, -51.7246
Hunter-Lab	35.4631, -29.7896, 21.3307

# Details

The Hex color **0D7400** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **670074**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **52A93D**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **0D7400**, and if you desaturate by 10%, it is **17740C**.

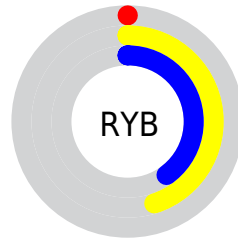
# Distribution



Red (5%)

Green (45%)

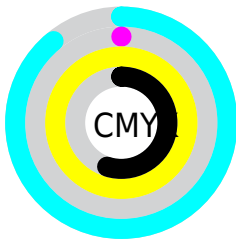
Blue (0%)



Red (0%)

Yellow (45%)

Blue (40%)

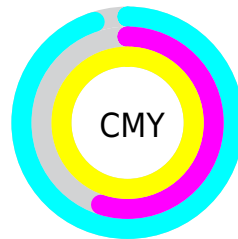


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (95%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0D7400 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 0D7400 by changing the saturation by 10% instead.



 0D7400

 0D7400

 FFFFC

 005B00

 52A93D

 004200

 6EC556

 002C00

 8AE171

 000E00

 A6FE8B

 000000

 C3FFA6

 E0FFC2

 FEFFDF

 0D7400

 17740C

 227417

 2C7423

 36742E

 41743A

 4B7446

 557451

 5F745D

 6A7468

# Harmonies

## Analogous

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



606A00



0D7400



007945

# Triad

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



0D7400



0072CE



C11A4A

# Complementary

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



0D7400



670074

# 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.



B52281



0D7400



0061CE

# Square

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



0D7400



0079B0



8745B1



B23B14

# Rectangle

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



0D7400



007B6C



8745B1



C1145C



# Sweetspot

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



0D7400



6E9669



746600



344D31



CCCCCC



4D4D4D



# Same Dimension

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



0D7400



119600



00742C



353B35



0E7A00



1CFA00



# Inverse Universe

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



670074



860096



740048



3A353B



6D007A

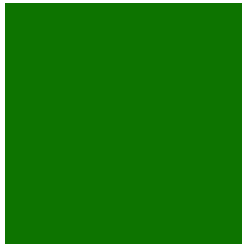


DE00FA



# Previews

## White Background



This preview shows how the Hex color 0D7400 looks on a white background.

## Color Contrast Check

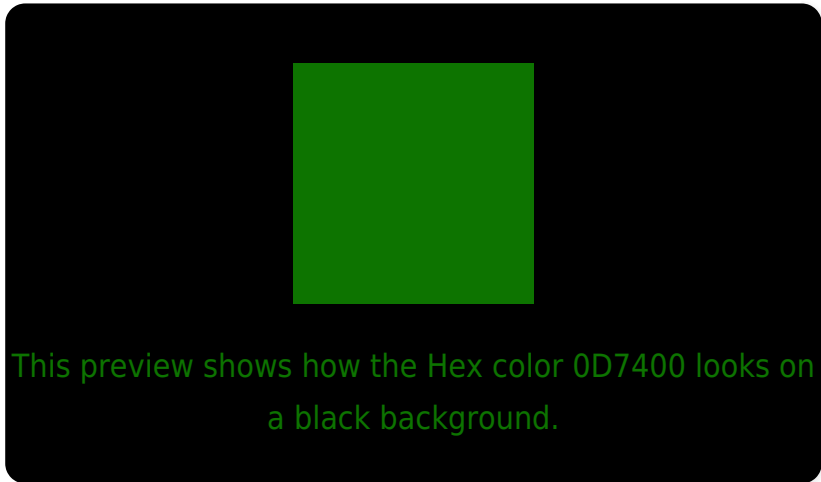
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 0D7400 Background



This preview shows how black text looks on a background with the Hex color 0D7400.



This preview shows how white text looks on a background with the Hex color 0D7400.

# 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**  
0D7400

**Protanopia**  
706300

**Deuteranopia**  
7D5E19



# Trichromacy



**Original Color**  
0D7400



**Protanomaly**  
4C6900



**Deuteranomaly**  
546610



**Tritanomaly**  
256F4A

# Monochromacy



**Original Color**  
0D7400



**Achromatopsia**  
484848



**Achromatomaly**  
33582E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0D7400 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 #0D7400 looks like.

```
.text, #text, p{  
    color:#0D7400  
}
```

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 #0D7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7400
}
```

## Border

The CSS property to change the border of an element to Hex 0D7400 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
#0D7400 }
```

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

```
.border{ border-color:#0D7400 }
```

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

Here you see how a box with a 4 pixel #0D7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7400; -webkit-box-shadow:4px 4px  
4px 4px #0D7400; box-shadow:4px 4px 4px  
4px #0D7400 }
```

# Background

The CSS property to change the background color of an element to Hex 0D7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7400 }
```

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

```
.background{ background-color:#0D7400 }
```

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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