

Converting Colors

Hex(0D5C00)

Have a look what the booklet for
Hex(0D5C00) contains.

Hex(0D5C00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0D5C00)

Conversions

Conversions Part 1

Format	Color
Hex	0D5C00
RGB	13, 92, 0
RGB Percent	5%, 36%, 0%
CMY	0.9490, 0.6392, 1.0000
CMYK	0.86, 0.00, 1.00, 0.64
HSL	112°, 100%, 18%
HSV	112°, 100%, 36%
XYZ	3.9931, 7.7399, 1.2835
YIQ	57.8910, -17.5520, -45.3600

Conversions

Conversions Part 2

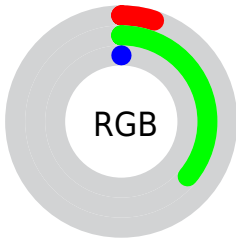
Format	Color
RYB	0, 92, 79
Decimal	875520
CIELab	33.44, -39.26, 39.72
CIELCh	33, 55.848, 134.672
Yxy	7.7399, 0.3068, 0.5946
Android (android.graphics.Color)	4279065600 (0xFF0D5C00)
YUV	57.8910, -28.5403, -39.3694
Hunter-Lab	27.8206, -23.0657, 16.7391

Details

The Hex color **0D5C00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4F005C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4A8F36**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **0D5C00**, and if you desaturate by 10%, it is **155C09**.

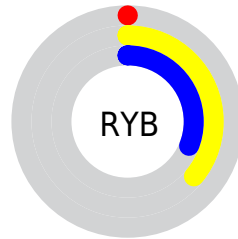
Distribution



Red (5%)

Green (36%)

Blue (0%)



Red (0%)

Yellow (36%)

Blue (31%)

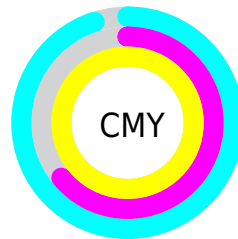


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (95%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D5C00 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 0D5C00 by changing the saturation by 10% instead.

 0D5C00

 0D5C00

 FFFFFF1

 004400

 4A8F36

 002D00

 65AA4F

 001400

 80C669

 000000

 9CE283

 B8FF9D

 D4FFB9

 F1FFD5

 0D5C00

 155C09

 1D5C12

 255C1C

 2D5C25

 355C2E

 3C5C37

 445C40

 4C5C4A

 545C53

Harmonies

Analogous

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



4D5300



0D5C00



006036

Triad

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



0D5C00



005AA5



9B143B

Complementary

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



0D5C00



4F005C

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.



911B67



0D5C00



004DA5

Square

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



0D5C00



00608C



6A378E



8E2D10

Rectangle

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



0D5C00



006155



6A378E



9A104A

Sweetspot

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



0D5C00



597854



5C4E00



2A3D27



BDBDBD



3D3D3D

Same Dimension

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



0D5C00



117800



005C20



2A2E29



0F6E00



22ED00

Inverse Universe

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



4F005C



670078



5C003C



2D292E



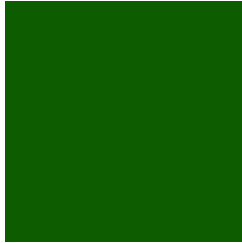
5E006E



CC00ED

Previews

White Background



This preview shows how the Hex color 0D5C00 looks on a white background.

Color Contrast Check

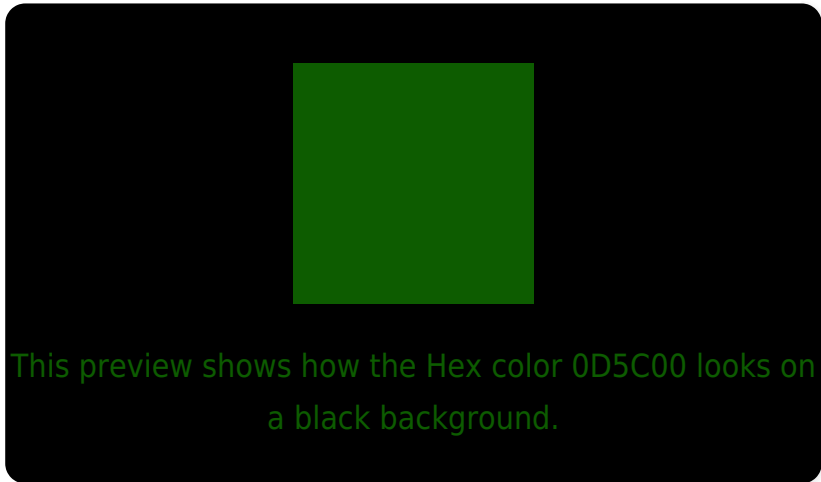
Large Text (above 18pt) WCAG AA ✓ Pass

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

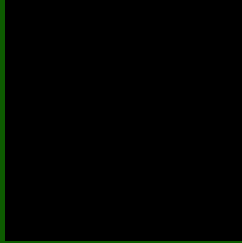
Any Text WCAG AA × Fail

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 0D5C00 Background



This preview shows how black text looks on a background with the Hex color 0D5C00.



This preview shows how white text looks on a background with the Hex color 0D5C00.

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](#).

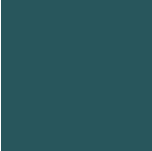
Dichromacy



Original Color
0D5C00

Protanopia
594F00

Deuteranopia
634B14



Tritanopia
28565C

Trichromacy



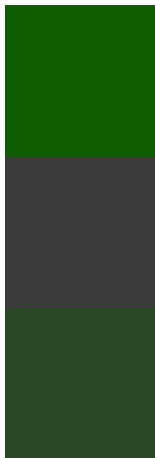
Original Color
0D5C00

Protanomaly
3D5400

Deuteranomaly
44510D

Tritanomaly
1E583B

Monochromacy



Original Color
0D5C00

Achromatopsia
3A3A3A

Achromatomaly
2A4625

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D5C00 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 #0D5C00 looks like.

```
.text, #text, p{  
    color:#0D5C00  
}
```

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 #0D5C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5C00
}
```

Border

The CSS property to change the border of an element to Hex 0D5C00 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
#0D5C00 }
```

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

```
.border{ border-color:#0D5C00 }
```

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

Here you see how a box with a 4 pixel #0D5C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5C00; -webkit-box-shadow:4px 4px  
4px 4px #0D5C00; box-shadow:4px 4px 4px  
4px #0D5C00 }
```

Background

The CSS property to change the background color of an element to Hex 0D5C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5C00 }
```

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

```
.background{ background-color:#0D5C00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor