

Converting Colors

Hex(0F5D00)

Have a look what the booklet for
Hex(0F5D00) contains.

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Color

Hex(0F5D00)

Conversions

Conversions Part 1

Format	Color
Hex	0F5D00
RGB	15, 93, 0
RGB Percent	6%, 36%, 0%
CMY	0.9412, 0.6353, 1.0000
CMYK	0.84, 0.00, 1.00, 0.64
HSL	110°, 100%, 18%
HSV	110°, 100%, 36%
XYZ	4.1114, 7.9303, 1.3140
YIQ	59.0760, -16.6350, -45.4590

Conversions

Conversions Part 2

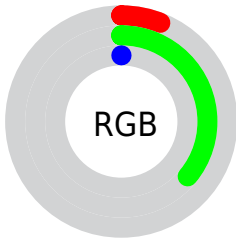
Format	Color
RYB	0, 93, 78
Decimal	1006848
CIELab	33.84, -39.30, 40.05
CIELCh	34, 56.111, 134.457
Yxy	7.9303, 0.3078, 0.5938
Android (android.graphics.Color)	4279196928 (0xFF0F5D00)
YUV	59.0760, -29.1245, -38.6547
Hunter-Lab	28.1607, -23.2210, 16.9460

Details

The Hex color **0F5D00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4E005D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4B9037**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **0F5D00**, and if you desaturate by 10%, it is **175D09**.

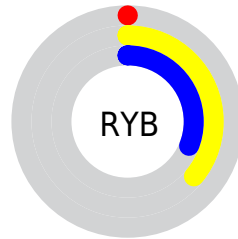
Distribution



Red (6%)

Green (36%)

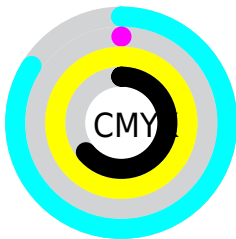
Blue (0%)



Red (0%)

Yellow (36%)

Blue (31%)

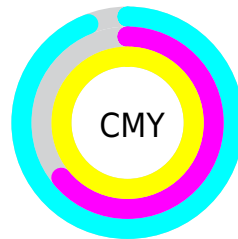


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (94%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5D00 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 0F5D00 by changing the saturation by 10% instead.

 0F5D00

 0F5D00

 FFFFF2


 004500

 4B9037

 002E00

 66AB50

 001600

 81C769

 000000

 9DE383

 B9FF9E

 D6FFB9

 F3FFD5

 0F5D00

 175D09

 1F5D13

 265D1C

 2E5D25

 365D2F

 3E5D38

 465D41

 4D5D4A

 555D54

Harmonies

Analogous

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



4E5400



0F5D00



006136

Triad

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



0F5D00



005BA6



9C143C

Complementary

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



0F5D00



4E005D

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.



921C69



0F5D00



004EA7

Square

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



0F5D00



00618E



6B3890



902E11

Rectangle

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



0F5D00



006255



6B3890



9C114B

Sweetspot

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



0F5D00



5A7854



5D4E00



2B3D27



BDBDBD



3D3D3D

Same Dimension

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



0F5D00



137800



005D1F



2A2E29



126E00



26ED00

Inverse Universe

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



4E005D



650078



5D003E



2D292E



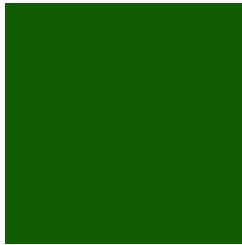
5C006E



C700ED

Previews

White Background



This preview shows how the Hex color 0F5D00 looks on a white background.

Color Contrast Check

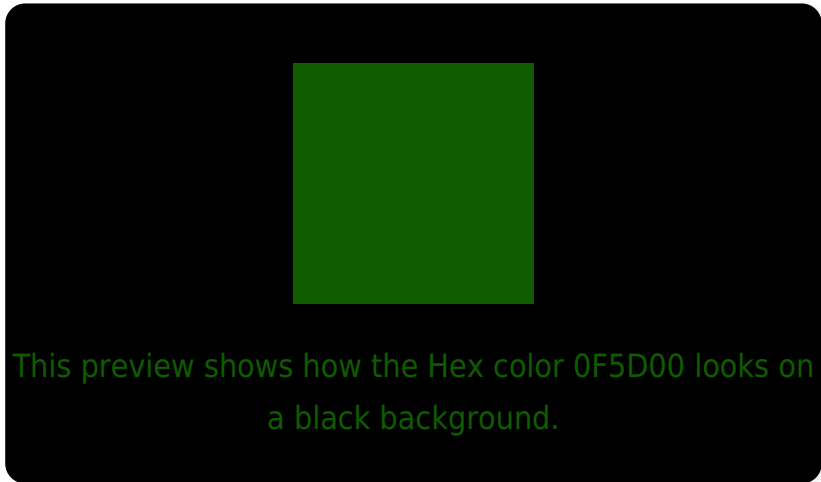
Large Text (above 18pt) WCAG AA ✓ Pass

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

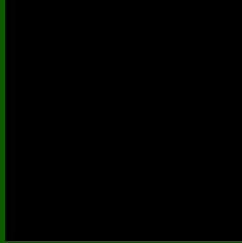
Any Text WCAG AA × Fail

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 0F5D00 Background



This preview shows how black text looks on a background with the Hex color 0F5D00.

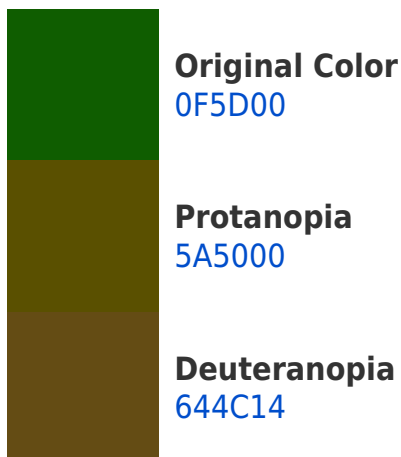


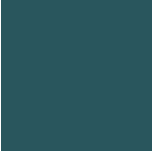
This preview shows how white text looks on a background with the Hex color 0F5D00.

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





Tritanopia
29565D

Trichromacy



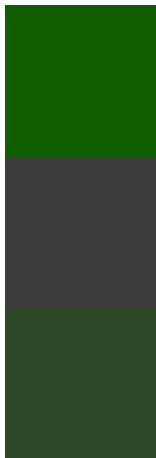
Original Color
0F5D00

Protanomaly
3F5500

Deuteranomaly
45520D

Tritanomaly
20593B

Monochromacy



Original Color
0F5D00

Achromatopsia
3B3B3B

Achromatomaly
2B4726

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5D00 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 #0F5D00 looks like.

```
.text, #text, p{  
    color:#0F5D00  
}
```

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 #0F5D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5D00
}
```

Border

The CSS property to change the border of an element to Hex 0F5D00 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".

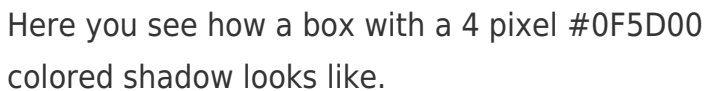
```
.border, #border, table{ border:4px solid
#0F5D00 }
```

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

```
.border{ border-color:#0F5D00 }
```

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

Here you see how a box with a 4 pixel #0F5D00 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5D00; -webkit-box-shadow:4px 4px  
4px 4px #0F5D00; box-shadow:4px 4px 4px  
4px #0F5D00 }
```

Background

The CSS property to change the background color of an element to Hex 0F5D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5D00 }
```

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

```
.background{ background-color:#0F5D00 }
```

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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