

Converting Colors

Hex(0F5300)

Have a look what the booklet for
Hex(0F5300) contains.

Hex(0F5300)	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(0F5300)

Conversions

Conversions Part 1

Format	Color
Hex	0F5300
RGB	15, 83, 0
RGB Percent	6%, 33%, 0%
CMY	0.9412, 0.6745, 1.0000
CMYK	0.82, 0.00, 1.00, 0.67
HSL	109°, 100%, 16%
HSV	109°, 100%, 33%
XYZ	3.2903, 6.2881, 1.0403
YIQ	53.2060, -13.8850, -40.2290

Conversions

Conversions Part 2

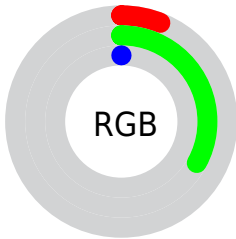
Format	Color
RYB	0, 83, 68
Decimal	1004288
CIELab	30.13, -35.87, 37.09
CIELCh	30, 51.601, 134.042
Yxy	6.2881, 0.3099, 0.5922
Android (android.graphics.Color)	4279194368 (0xFF0F5300)
YUV	53.2060, -26.2306, -33.5067
Hunter-Lab	25.0760, -20.4618, 15.0935

Details

The Hex color **0F5300** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **440053**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **488534**, and **002600** is the 20% darker color. If you saturate the color by 10%, you get **0F5300**, and if you desaturate by 10%, it is **165308**.

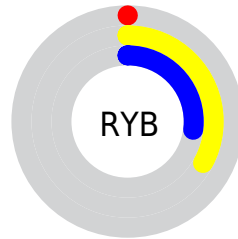
Distribution



Red (6%)

Green (33%)

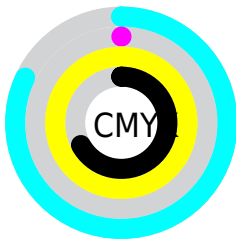
Blue (0%)



Red (0%)

Yellow (33%)

Blue (27%)

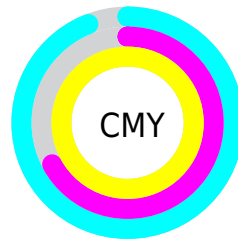


Cyan (82%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (94%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F5300 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 0F5300 by changing the saturation by 10% instead.

 0F5300

 0F5300

 FFFFEE

 003B00

 488534

 002600

 63A04C

 000100

 7DBB65

 000000

 99D77F

 B4F49A

 D1FFB5

 EEFFD1

 0F5300

■ 165308

■ 1D5311

■ 235319

■ 2A5321

■ 315329

■ 385332

■ 3F533A

■ 455342

■ 4C534B

Harmonies

Analogous

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



464B00



0F5300



00572F

Triad

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



0F5300



005295



8C1236

Complementary

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



0F5300



440053

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.



83195E



0F5300



004696

Square

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



0F5300



00577E



5F3281



81280F

Rectangle

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



0F5300



00584B



5F3281



8B0F43

Sweetspot

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



0F5300



516B4B



534400



263622



B5B5B5



363636

Same Dimension

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



0F5300



136B00



00531A



252925



136900



2AE800

Inverse Universe

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



440053



58006B



530039



282529



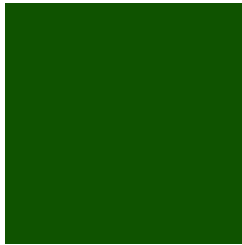
560069



BE00E8

Previews

White Background



This preview shows how the Hex color 0F5300 looks on a white background.

Color Contrast Check

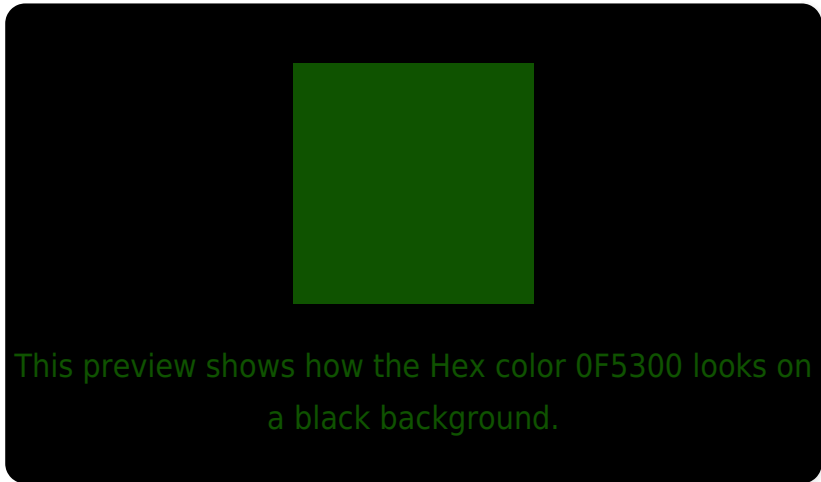
Large Text (above 18pt) WCAG AA ✓ Pass

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

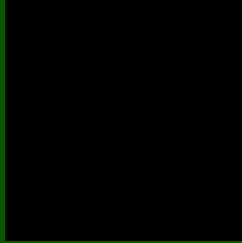
Any Text WCAG AA × Fail

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 0F5300 Background



This preview shows how black text looks on a background with the Hex color 0F5300.



This preview shows how white text looks on a background with the Hex color 0F5300.

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
0F5300

Protanopia
504700

Deuteranopia
594312



Tritanopia
254D53

Trichromacy



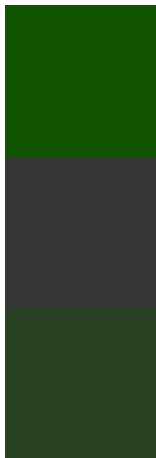
Original Color
0F5300

Protanomaly
384B00

Deuteranomaly
3E490B

Tritanomaly
1D4F35

Monochromacy



Original Color
0F5300

Achromatopsia
353535

Achromatomaly
274022

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F5300 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 #0F5300 looks like.

```
.text, #text, p{  
    color:#0F5300  
}
```

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 #0F5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F5300
}
```

Border

The CSS property to change the border of an element to Hex 0F5300 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".

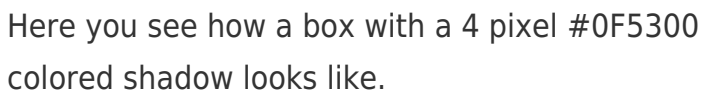
```
.border, #border, table{ border:4px solid
#0F5300 }
```

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

```
.border{ border-color:#0F5300 }
```

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

Here you see how a box with a 4 pixel #0F5300 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F5300; -webkit-box-shadow:4px 4px  
4px 4px #0F5300; box-shadow:4px 4px 4px  
4px #0F5300 }
```

Background

The CSS property to change the background color of an element to Hex 0F5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F5300 }
```

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

```
.background{ background-color:#0F5300 }
```

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