

Converting Colors

Hex(0F8300)

Have a look what the booklet for
Hex(0F8300) contains.

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Color

Hex(0F8300)

Conversions

Conversions Part 1

Format	Color
Hex	0F8300
RGB	15, 131, 0
RGB Percent	6%, 51%, 0%
CMY	0.9412, 0.4863, 1.0000
CMYK	0.89, 0.00, 1.00, 0.49
HSL	113°, 100%, 26%
HSV	113°, 100%, 51%
XYZ	8.3133, 16.3342, 2.7147
YIQ	81.3820, -27.0850, -65.3330

Conversions

Conversions Part 2

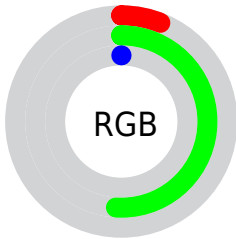
Format	Color
RYB	0, 131, 116
Decimal	1016576
CIELab	47.41, -51.37, 50.90
CIELCh	47, 72.318, 135.264
Yxy	16.3342, 0.3038, 0.5970
Android (android.graphics.Color)	4279206656 (0xFF0F8300)
YUV	81.3820, -40.1213, -58.2170
Hunter-Lab	40.4155, -34.0105, 24.3085

Details

The Hex color **0F8300** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **740083**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **57B940**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **0F8300**, and if you desaturate by 10%, it is **1B830D**.

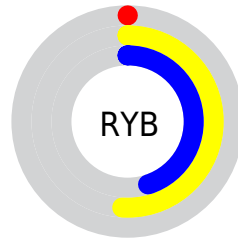
Distribution



Red (6%)

Green (51%)

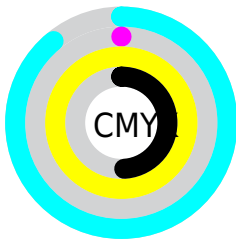
Blue (0%)



Red (0%)

Yellow (51%)

Blue (45%)

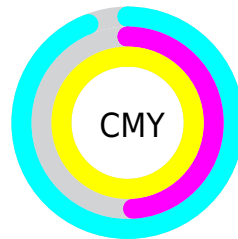


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (94%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0F8300 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 0F8300 by changing the saturation by 10% instead.

 0F8300

 0F8300

FFFFFF

 006900

 57B940

 005000

 74D55B

 003800

 91F275

 002100

 AEFF90

 000000

 CBFFAC

 E8FFC8

 FFFF E5

 0F8300

 1B830D

 26831A

 328327

 3D8334

 498342

 55834F

 60835C

 6C8369

 778376

Harmonies

Analogous

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



6C7700



0F8300



00894F

Triad

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



0F8300



0080E7



D91E54

Complementary

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



0F8300



740083

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.



CC2791



0F8300



006EE8

Square

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



0F8300



0089C7



984FC7



C84318

Rectangle

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



0F8300



008A7A



984FC7



D81869

Sweetspot

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



0F8300



7DAB78



837400



3B5737



D6D6D6



575757

Same Dimension

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



0F8300



14AB00



008332



3C423C



0F8200



000300

Inverse Universe

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



740083



9700AB



830051



423C42



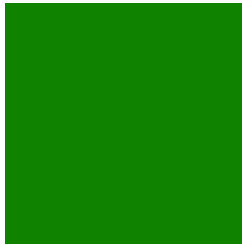
730082



020003

Previews

White Background



This preview shows how the Hex color 0F8300 looks on a white background.

Color Contrast Check

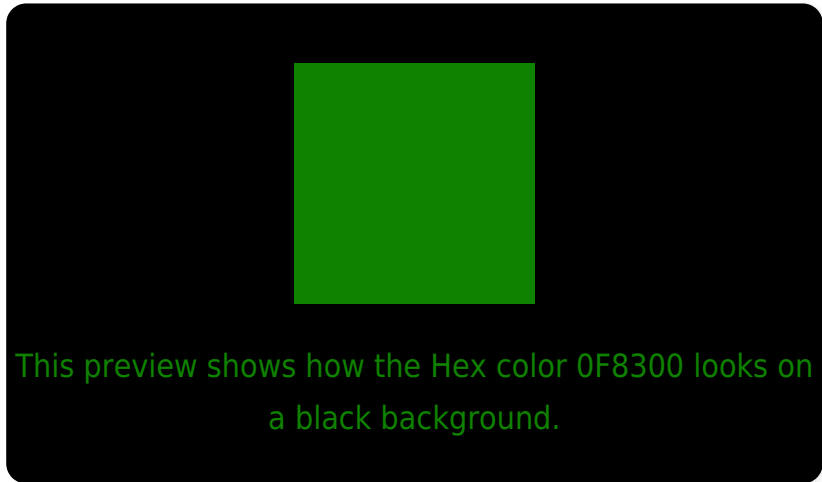
Large Text (above 18pt) WCAG AA ✓ Pass

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

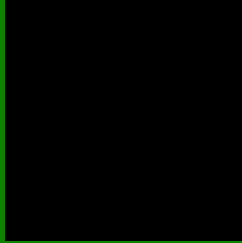
Any Text WCAG AA × Fail

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 0F8300 Background



This preview shows how black text looks on a background with the Hex color 0F8300.



This preview shows how white text looks on a background with the Hex color 0F8300.

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
0F8300

Protanopia
7E7000

Deuteranopia
8D6A1C



Tritanopia
387A84

Trichromacy



Original Color
0F8300



Protanomaly
567700



Deuteranomaly
5F7312



Tritanomaly
297D54

Monochromacy



Original Color
0F8300



Achromatopsia
515151



Achromatomaly
396334

CSS Examples

Text

The CSS property to change the color of the text to Hex 0F8300 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 #0F8300 looks like.

```
.text, #text, p{  
    color:#0F8300  
}
```

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 #0F8300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F8300
}
```

Border

The CSS property to change the border of an element to Hex 0F8300 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".

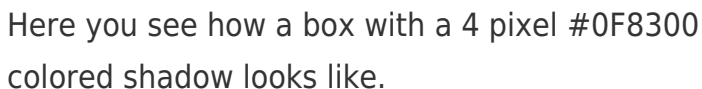
```
.border, #border, table{ border:4px solid
#0F8300 }
```

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

```
.border{ border-color:#0F8300 }
```

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

Here you see how a box with a 4 pixel #0F8300 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 #0F8300; -webkit-box-shadow:4px 4px  
4px 4px #0F8300; box-shadow:4px 4px 4px  
4px #0F8300 }
```

Background

The CSS property to change the background color of an element to Hex 0F8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F8300 }
```

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

```
.background{ background-color:#0F8300 }
```

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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