

Converting Colors

Hex(0FA316)

Have a look what the booklet for
Hex(0FA316) contains.

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Color

Hex(0FA316)

Conversions

Conversions Part 1

Format	Color
Hex	0FA316
RGB	15, 163, 22
RGB Percent	6%, 64%, 9%
CMY	0.9412, 0.3608, 0.9137
CMYK	0.91, 0.00, 0.87, 0.36
HSL	123°, 83%, 35%
HSV	123°, 91%, 64%
XYZ	13.4390, 26.3539, 5.1376
YIQ	102.6740, -42.9470, -75.2270

Conversions

Conversions Part 2

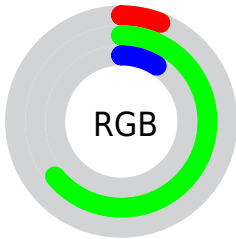
Format	Color
RYB	15, 156, 163
Decimal	1024790
CIELab	58.37, -60.08, 55.96
CIELCh	58, 82.104, 137.037
Yxy	26.3539, 0.2991, 0.5865
Android (android.graphics.Color)	4279214870 (0xFF0FA316)
YUV	102.6740, -39.7723, -76.8901
Hunter-Lab	51.3360, -43.1094, 30.0016

Details

The Hex color **0FA316** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A30F9C**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **60DB51**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **00A308**, and if you desaturate by 10%, it is **1FA326**.

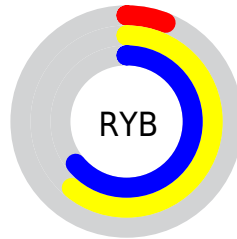
Distribution



Red (6%)

Green (64%)

Blue (9%)



Red (6%)

Yellow (61%)

Blue (64%)

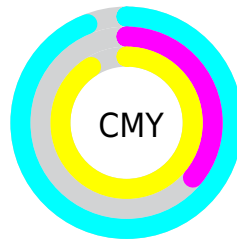


Cyan (91%)

Magenta (0%)

Yellow (87%)

Black (36%)



Cyan (94%)

Magenta (36%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FA316 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 0FA316 by changing the saturation by 10% instead.

 0FA316

 0FA316

FFFFFF

 008800

 60DB51

 006E00

 7EF86C

 005400

 9CFF87

 003B00

 BAFFA3

 002400

 D8FFBF

 000000

 F7FFDC

 FFFFF9

 0FA316

 0FA316

■ 00A308

■ 1FA326

■ 30A335

■ 40A345

■ 50A354

■ 61A364

■ 71A373

■ 81A383

■ 91A392

■ A2A3A2

Harmonies

Analogous

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



849600



0FA316



00A969

Triad

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



0FA316



009EFF



FF3367

Complementary

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



0FA316



A30F9C

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.



FB37AF



0FA316



0D87FF

Square

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



0FA316



00A9F5



C062F0



F25A20

Rectangle

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



0FA316



00AB9C



C062F0



FF2C7F

Sweetspot

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



0FA316



9BD49D



9EA30F



496B4A



EBEBEB



6B6B6B

Same Dimension

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



0FA316



00D40A



0FA35E



49524A



009107



001201

Inverse Universe

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



A30F9C



D400CA



A30F54



524951



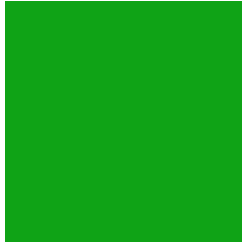
91008A



120011

Previews

White Background



This preview shows how the Hex color 0FA316 looks on a white background.

Color Contrast Check

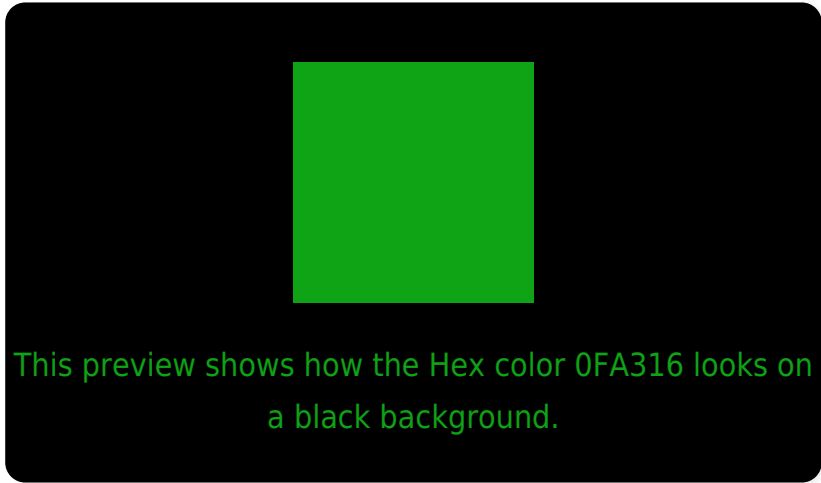
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0FA316 Background



This preview shows how black text looks on a background with the Hex color 0FA316.



This preview shows how white text looks on a background with the Hex color 0FA316.

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
0FA316

Protanopia
9D8C0E

Deuteranopia
AF8429



Tritanopia
4598A4

Trichromacy



Original Color
0FA316



Protanomaly
699411



Deuteranomaly
758F22



Tritanomaly
319C70

Monochromacy



Original Color
0FA316



Achromatopsia
676767



Achromatomaly
477D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FA316 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 #0FA316 looks like.

```
.text, #text, p{  
    color:#0FA316  
}
```

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 #0FA316 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FA316
}
```

Border

The CSS property to change the border of an element to Hex 0FA316 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
#0FA316 }
```

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

```
.border{ border-color:#0FA316 }
```

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

Here you see how a box with a 4 pixel #0FA316 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FA316; -webkit-box-shadow:4px 4px  
4px 4px #0FA316; box-shadow:4px 4px 4px  
4px #0FA316 }
```

Background

The CSS property to change the background color of an element to Hex 0FA316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FA316 }
```

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

```
.background{ background-color:#0FA316 }
```

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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