

Converting Colors

Hex(0FAA25)

Have a look what the booklet for
Hex(0FAA25) contains.

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Color

Hex(0FAA25)

Conversions

Conversions Part 1

Format	Color
Hex	0FAA25
RGB	15, 170, 37
RGB Percent	6%, 67%, 15%
CMY	0.9412, 0.3333, 0.8549
CMYK	0.91, 0.00, 0.78, 0.33
HSL	129°, 84%, 36%
HSV	129°, 91%, 67%
XYZ	14.9057, 28.9846, 6.5592
YIQ	108.4930, -49.6870, -74.2230

Conversions

Conversions Part 2

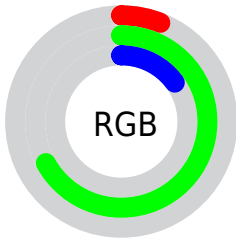
Format	Color
RYB	15, 151, 170
Decimal	1026597
CIELab	60.77, -61.26, 53.96
CIELCh	61, 81.636, 138.628
Yxy	28.9846, 0.2955, 0.5745
Android (android.graphics.Color)	4279216677 (0xFF0FAA25)
YUV	108.4930, -35.2460, -81.9934
Hunter-Lab	53.8373, -44.7950, 30.4626

Details

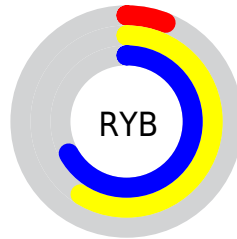
The Hex color **0FAA25** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA0F94**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **61E35C**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA18**, and if you desaturate by 10%, it is **20AA34**.

Distribution



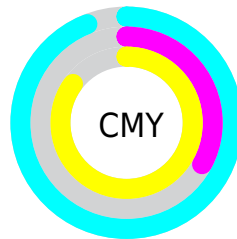
- Red (6%)
- Green (67%)
- Blue (15%)



- Red (6%)
- Yellow (59%)
- Blue (67%)



- Cyan (91%)
- Magenta (0%)
- Yellow (78%)
- Black (33%)



- Cyan (94%)
- Magenta (33%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FAA25 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 0FAA25 by changing the saturation by 10% instead.



0FAA25



0FAA25

FFFFFF



008F00



61E35C



007400



80FF77



005A00



9EFF92



004100



BCFFAE



002A00



DBFFCA



000500



F9FFE7



000000



0FAA25



0FAA25



00AA18



20AA34

 31AA42

 42AA51

 53AA5F

 64AA6E

 75AA7D

 86AA8B

 97AA9A

 A8AAA8

Harmonies

Analogous

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



879D00



0FAA25



00B074

Triad

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



0FAA25



00A3FF



FF3F69

Complementary

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



0FAA25



AA0F94

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.



FF40B1



0FAA25



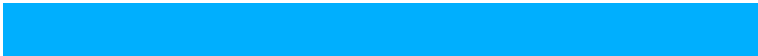
3F8CFF

Square

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



0FAA25



00AFFE



CC67F3



F86323

Rectangle

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



0FAA25



00B2A6



CC67F3



FF3881

Sweetspot

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



0FAA25



A2DEAA



95AA0F



4C7051



F0F0F0



707070

Same Dimension

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



0FAA25



00DE1F



0FAA71



4C544D



009415



001403

Inverse Universe

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



AA0F94



DE00BE



AA0F48



544C53



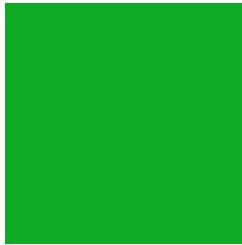
94007F



140012

Previews

White Background



This preview shows how the Hex color 0FAA25 looks on a white background.

Color Contrast Check

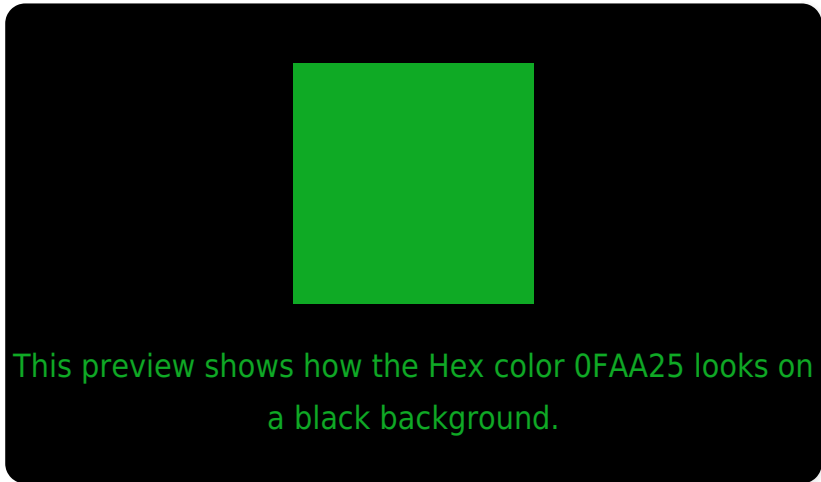
Large Text (above 18pt) WCAG AA ✓ Pass

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 0FAA25 Background



This preview shows how black text looks on a background with the Hex color 0FAA25.



This preview shows how white text looks on a background with the Hex color 0FAA25.

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
0FAA25

Protanopia
A4921F

Deuteranopia
B68A33



Tritanopia
479EAB

Trichromacy



Original Color
0FAA25



Protanomaly
6E9B21



Deuteranomaly
79962E



Tritanomaly
33A27A

Monochromacy



Original Color
0FAA25



Achromatopsia
6C6C6C



Achromatomaly
4A8352

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FAA25 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 #0FAA25 looks like.

```
.text, #text, p{  
    color:#0FAA25  
}
```

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 #0FAA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FAA25
}
```

Border

The CSS property to change the border of an element to Hex 0FAA25 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
#0FAA25 }
```

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

```
.border{ border-color:#0FAA25 }
```

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

Here you see how a box with a 4 pixel #0FAA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FAA25; -webkit-box-shadow:4px 4px  
4px 4px #0FAA25; box-shadow:4px 4px 4px  
4px #0FAA25 }
```

Background

The CSS property to change the background color of an element to Hex 0FAA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FAA25 }
```

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

```
.background{ background-color:#0FAA25 }
```

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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