

# Converting Colors

Hex(0AAF25)

Have a look what the booklet for  
Hex(0AAF25) contains.

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# Color

Hex(0AAF25)

# Conversions

## Conversions Part 1

Format	Color
Hex	0AAF25
RGB	10, 175, 37
RGB Percent	4%, 69%, 15%
CMY	0.9608, 0.3137, 0.8549
CMYK	0.94, 0.00, 0.79, 0.31
HSL	130°, 89%, 36%
HSV	130°, 94%, 69%
XYZ	15.7891, 30.8580, 6.8743
YIQ	109.9330, -54.0420, -77.8980

# Conversions

## Conversions Part 2

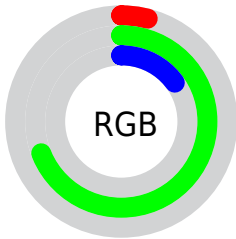
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 152, 175
Decimal	700197
CIELab	62.39, -63.02, 55.51
CIELCh	62, 83.983, 138.623
Yxy	30.8580, 0.2950, 0.5766
Android (android.graphics.Color)	4278890277 (0xFF0AAF25)
YUV	109.9330, -35.9560, -87.6412
Hunter-Lab	55.5500, -46.4772, 31.5479

# Details

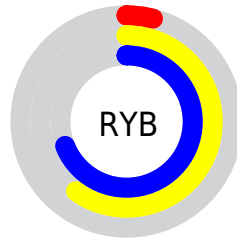
The Hex color **0AAF25** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AF0A94**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **62E85D**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **00AF1D**, and if you desaturate by 10%, it is **1BAF34**.

# Distribution



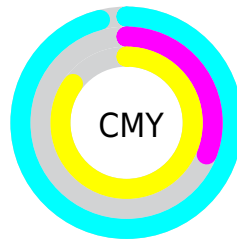
- Red (4%)
- Green (69%)
- Blue (15%)



- Red (4%)
- Yellow (60%)
- Blue (69%)



- Cyan (94%)
- Magenta (0%)
- Yellow (79%)
- Black (31%)



- Cyan (96%)
- Magenta (31%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0AAF25 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 0AAF25 by changing the saturation by 10% instead.



 0AAF25

 0AAF25

FFFFFF

 009400

 62E85D

 007900

 81FF78

 005F00

 9FFF93

 004500

 BEFFAF

 002E00

 DCF FCC

 000F00

 FAF FE8

 000000

 0AAF25

 0AAF25

 00AF1D

 1BAF34

 2DAF42

 3EAF51

 50AF60

 62AF6E

 73AF7D

 85AF8B

 96AF9A

 A8AFA9

# Harmonies

## Analogous

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



8AA100



0AAF25



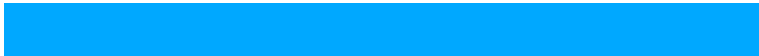
00B677

# Triad

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



0AAF25



00A8FF



FF3F6C

# Complementary

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



0AAF25



AF0A94

# 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.



FF40B7



0AAF25



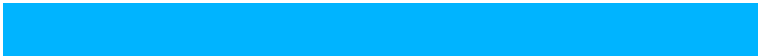
3E90FF

# Square

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



0AAF25



00B4FF



D26AFB



FF6623

# Rectangle

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



0AAF25



00B7AB



D26AFB



FF3885



# Sweetspot

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



0AAF25



A3E3AE



96AF0A



4C7352



F2F2F2



737373



# Same Dimension

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



0AAF25



00E325



0AAF75



4E574F



009619



001704



# Inverse Universe

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



AF0A94



E300BE



AF0A44



574E55



96007E

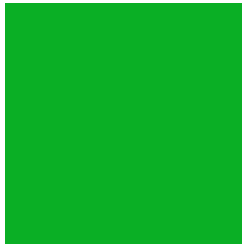


170013



# Previews

## White Background



This preview shows how the Hex color 0AAF25 looks on a white background.

## Color Contrast Check

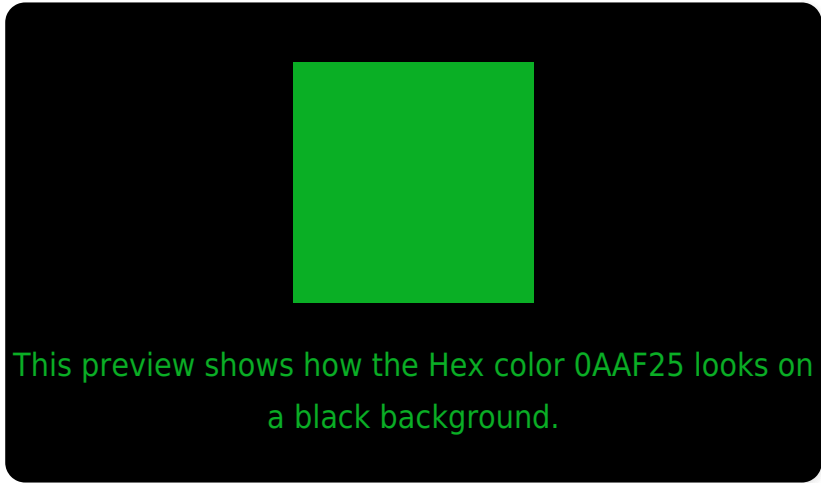
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



## Hex 0AAF25 Background



This preview shows how black text looks on a background with the Hex color 0AAF25.



This preview shows how white text looks on a background with the Hex color 0AAF25.

# 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](#).

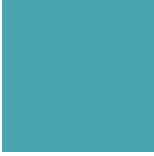
## Dichromacy



**Original Color**  
0AAF25

**Protanopia**  
A8961F

**Deuteranopia**  
BB8E34



**Tritanopia**  
49A3B0

# Trichromacy



**Original Color**

0AAF25



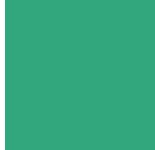
**Protanomaly**

6F9F21



**Deuteranomaly**

7B9A2F



**Tritanomaly**

32A77D

# Monochromacy



**Original Color**

0AAF25



**Achromatopsia**

6E6E6E



**Achromatomaly**

4A8653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0AAF25 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 #0AAF25 looks like.

```
.text, #text, p{  
    color:#0AAF25  
}
```

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 #0AAF25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AAF25
}
```

## Border

The CSS property to change the border of an element to Hex 0AAF25 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".

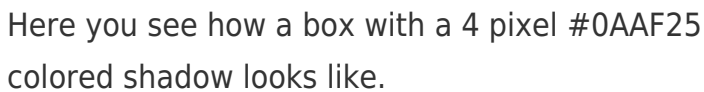
```
.border, #border, table{ border:4px solid
#0AAF25 }
```

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

```
.border{ border-color:#0AAF25 }
```

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

Here you see how a box with a 4 pixel #0AAF25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AAF25; -webkit-box-shadow:4px 4px  
4px 4px #0AAF25; box-shadow:4px 4px 4px  
4px #0AAF25 }
```

# Background

The CSS property to change the background color of an element to Hex 0AAF25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AAF25 }
```

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

```
.background{ background-color:#0AAF25 }
```

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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