

Converting Colors

Hex(0AF545)

Have a look what the booklet for
Hex(0AF545) contains.

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Color

Hex(0AF545)

Conversions

Conversions Part 1

Format	Color
Hex	0AF545
RGB	10, 245, 69
RGB Percent	4%, 96%, 27%
CMY	0.9608, 0.0392, 0.7294
CMYK	0.96, 0.00, 0.72, 0.04
HSL	135°, 92%, 50%
HSV	135°, 96%, 96%
XYZ	33.8518, 65.7990, 16.5465
YIQ	154.6710, -83.5640, -104.5560

Conversions

Conversions Part 2

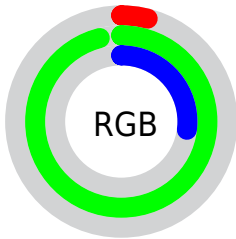
Format	Color
RYB	10, 198, 245
Decimal	718149
CIELab	84.89, -80.47, 67.23
CIELCh	85, 104.854, 140.123
Yxy	65.7990, 0.2913, 0.5663
Android (android.graphics.Color)	4278908229 (0xFF0AF545)
YUV	154.6710, -42.2358, -126.8765
Hunter-Lab	81.1166, -67.4620, 44.6874

Details

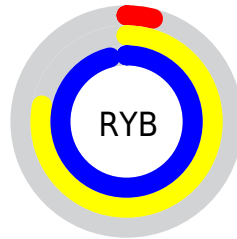
The Hex color **0AF545** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F50ABA**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **75FF7E**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F53E**, and if you desaturate by 10%, it is **22F557**.

Distribution



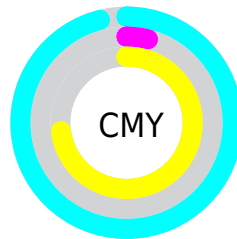
- Red (4%)
- Green (96%)
- Blue (27%)



- Red (4%)
- Yellow (78%)
- Blue (96%)



- Cyan (96%)
- Magenta (0%)
- Yellow (72%)
- Black (4%)



- Cyan (96%)
- Magenta (4%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AF545 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 0AF545 by changing the saturation by 10% instead.

 0AF545

 0AF545

FFFFFF

 00D824

 75FF7E

 00BB00

 97FF9B

 009F00

 B8FFB8

 008300

 D9FFD5

 006800

 F9FFF2

 004E00

 003500

 001A00

 000000

 0AF545

 0AF545

 00F53E

 22F557

 3BF56A

 54F57C

 6CF58E

 84F5A1

 9DF5B3

 B6F5C5

 CEF5D8

 E7F5EA

Harmonies

Analogous

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



BFE300



0AF545



00FEAF

Triad

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



0AF545



00EAFB



FF6596

Complementary

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



0AF545



F50ABA

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.



FF63F9



0AF545



79C8FF

Square

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



0AF545



00FBFF



FF96FF



FF9636

Rectangle

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



0AF545



00FFF4



FF96FF



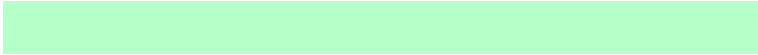
FF5CB7

Sweetspot

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



0AF545



B5FFC8



BAF50A



53805E



000000



808080

Same Dimension

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



0AF545



00FF40



0AF5BA



6E7A71



00BA2F



003B0F

Inverse Universe

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



F50ABA



FF00BF



F50A45



7A6E77



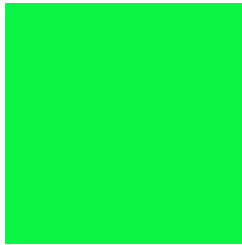
BA008B



3B002C

Previews

White Background



This preview shows how the Hex color 0AF545 looks on a white background.

Color Contrast Check

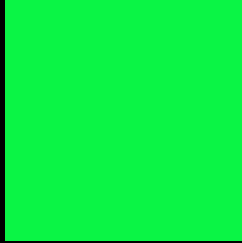
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0AF545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

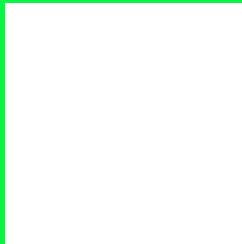
Any Text WCAG AAA ✓ Pass

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

Hex 0AF545 Background



This preview shows how black text looks on a background with the Hex color 0AF545.

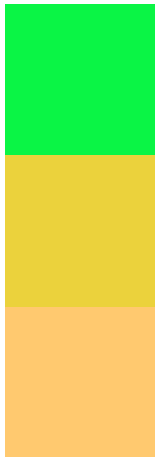


This preview shows how white text looks on a background with the Hex color 0AF545.

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](#).

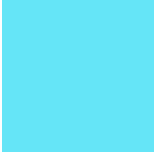
Dichromacy



Original Color
0AF545

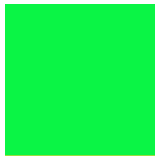
Protanopia
EBD23C

Deuteranopia
FFC96F



Tritanopia
65E5F7

Trichromacy



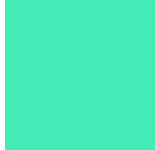
Original Color
0AF545



Protanomaly
99DF3F



Deuteranomaly
A6D960

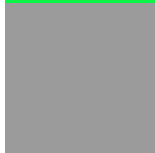


Tritanomaly
44EBB6

Monochromacy



Original Color
0AF545



Achromatopsia
9B9B9B



Achromatomaly
66BC7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AF545 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 #0AF545 looks like.

```
.text, #text, p{  
    color:#0AF545  
}
```

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 #0AF545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AF545
}
```

Border

The CSS property to change the border of an element to Hex 0AF545 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
#0AF545 }
```

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

```
.border{ border-color:#0AF545 }
```

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

Here you see how a box with a 4 pixel #0AF545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AF545; -webkit-box-shadow:4px 4px  
4px 4px #0AF545; box-shadow:4px 4px 4px  
4px #0AF545 }
```

Background

The CSS property to change the background color of an element to Hex 0AF545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AF545 }
```

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

```
.background{ background-color:#0AF545 }
```

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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