

Converting Colors

Hex(0AE317)

Have a look what the booklet for
Hex(0AE317) contains.

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Color

Hex(0AE317)

Conversions

Conversions Part 1

Format	Color
Hex	0AE317
RGB	10, 227, 23
RGB Percent	4%, 89%, 9%
CMY	0.9608, 0.1098, 0.9098
CMYK	0.96, 0.00, 0.90, 0.11
HSL	124°, 92%, 46%
HSV	124°, 96%, 89%
XYZ	27.7489, 55.0646, 9.9766
YIQ	138.8610, -63.8480, -109.4480

Conversions

Conversions Part 2

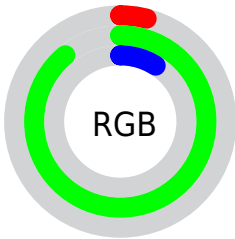
Format	Color
RYB	10, 215, 227
Decimal	713495
CIELab	79.08, -78.13, 73.76
CIELCh	79, 107.446, 136.645
Yxy	55.0646, 0.2991, 0.5934
Android (android.graphics.Color)	4278903575 (0xFF0AE317)
YUV	138.8610, -57.1195, -113.0111
Hunter-Lab	74.2055, -63.1101, 43.9726

Details

The Hex color **0AE317** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E30AD6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **71FF5D**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **00E30E**, and if you desaturate by 10%, it is **21E32C**.

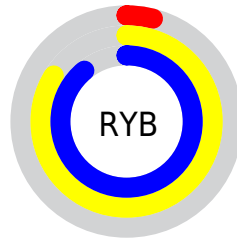
Distribution



Red (4%)

Green (89%)

Blue (9%)



Red (4%)

Yellow (84%)

Blue (89%)

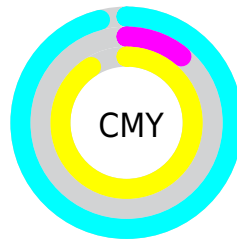


Cyan (96%)

Magenta (0%)

Yellow (90%)

Black (11%)



Cyan (96%)

Magenta (11%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AE317 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 0AE317 by changing the saturation by 10% instead.

 0AE317

 0AE317

FFFFFF

 00C600

 71FF5D

 00AA00

 93FF7B

 008E00

 B4FF98

 007300

 D4FFB5

 005800

 F4FFD2

 004000

 FFFFF0

 002600

 000000

 0AE317

 0AE317

■ 00E30E

■ 21E32C

■ 37E342

■ 4EE357

■ 65E36C

■ 7BE382

■ 92E397

■ A9E3AC

■ C0E3C2

■ D6E3D7

Harmonies

Analogous

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



B8D000



0AE317



00EC92

Triad

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



0AE317



00DDFF



FF4191

Complementary

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



0AE317



E30AD6

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.



FF4AF5



0AE317



00BDFE

Square

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



0AE317



00EBFF



FF8AFF



FF7D2D

Rectangle

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



0AE317



00EED8



FF8AFF



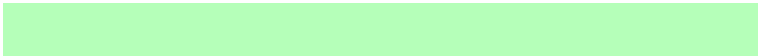
FF36B2

Sweetspot

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



0AE317



B5FFB9



D8E30A



538056



000000



808080

Same Dimension

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



0AE317



00FF0F



0AE381



677368



00B30B



003303

Inverse Universe

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



E30AD6



FF00F0



E30A6C



736772



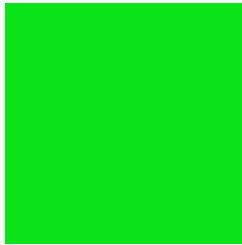
B300A8



330030

Previews

White Background



This preview shows how the Hex color 0AE317 looks on a white background.

Color Contrast Check

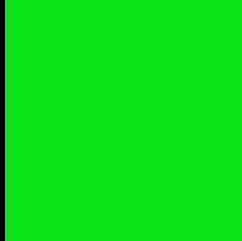
Large Text (above 18pt) WCAG AA × Fail

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 0AE317 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

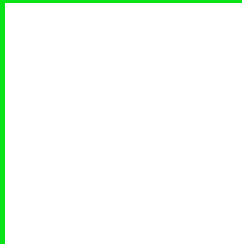
Any Text WCAG AAA ✓ Pass

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

Hex 0AE317 Background



This preview shows how black text looks on a background with the Hex color 0AE317.



This preview shows how white text looks on a background with the Hex color 0AE317.

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](#).

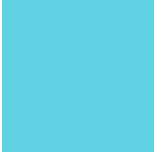
Dichromacy



Original Color
0AE317

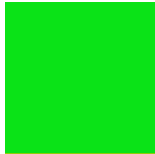
Protanopia
DBC202

Deuteranopia
F3B835



Tritanopia
5FD3E4

Trichromacy



Original Color
0AE317



Protanomaly
8FCE0A



Deuteranomaly
9EC82A



Tritanomaly
40D999

Monochromacy



Original Color
0AE317



Achromatopsia
8B8B8B



Achromatomaly
5CAB61

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AE317 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 #0AE317 looks like.

```
.text, #text, p{  
    color:#0AE317  
}
```

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 #0AE317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AE317
}
```

Border

The CSS property to change the border of an element to Hex 0AE317 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
#0AE317 }
```

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

```
.border{ border-color:#0AE317 }
```

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

Here you see how a box with a 4 pixel #0AE317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AE317; -webkit-box-shadow:4px 4px  
4px 4px #0AE317; box-shadow:4px 4px 4px  
4px #0AE317 }
```

Background

The CSS property to change the background color of an element to Hex 0AE317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AE317 }
```

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

```
.background{ background-color:#0AE317 }
```

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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