

Converting Colors

Hex(01AE30)

Have a look what the booklet for
Hex(01AE30) contains.

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Color

Hex(01AE30)

Conversions

Conversions Part 1

Format	Color
Hex	01AE30
RGB	1, 174, 48
RGB Percent	0%, 68%, 19%
CMY	0.9961, 0.3176, 0.8118
CMYK	0.99, 0.00, 0.72, 0.32
HSL	136°, 99%, 34%
HSV	136°, 99%, 68%
XYZ	15.6821, 30.4920, 7.8553
YIQ	107.9090, -62.6620, -75.8620

Conversions

Conversions Part 2

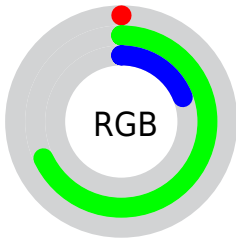
Format	Color
RYB	1, 137, 174
Decimal	110128
CIELab	62.08, -62.30, 51.36
CIELCh	62, 80.738, 140.500
Yxy	30.4920, 0.2903, 0.5644
Android (android.graphics.Color)	4278300208 (0xFF01AE30)
YUV	107.9090, -29.5351, -93.7592
Hunter-Lab	55.2195, -45.9411, 30.2193

Details

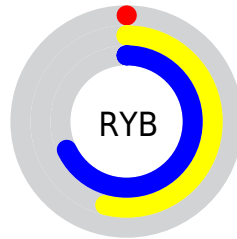
The Hex color **01AE30** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AE017F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5FE765**, and **007800** is the 20% darker color. If you saturate the color by 10%, you get **00AE2F**, and if you desaturate by 10%, it is **12AE3D**.

Distribution



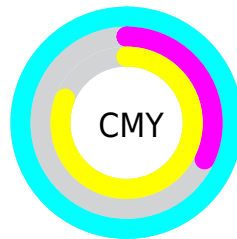
- Red (0%)
- Green (68%)
- Blue (19%)



- Red (0%)
- Yellow (54%)
- Blue (68%)



- Cyan (99%)
- Magenta (0%)
- Yellow (72%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01AE30 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 01AE30 by changing the saturation by 10% instead.

 01AE30

 01AE30

FFFFFF

 009310

 5FE765

 007800

 7EFF80

 005E00

 9DFF9B

 004400

 BBFFB7

 002D00

 D9FFD4

 000E00

 F8FFF1

 000000

 01AE30

 01AE30

 00AE2F

 12AE3D

 24AE49

 35AE56

 47AE63

 58AE6F

 69AE7C

 7BAE89

 8CAE95

 9EAEA2

Harmonies

Analogous

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



86A100



01AE30



00B47C

Triad

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



01AE30



00A5FF



FF4769

Complementary

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



01AE30



AE017F

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.



FF45B0



01AE30



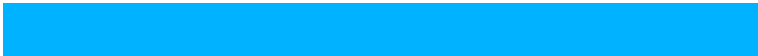
588DFF

Square

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



01AE30



00B2FF



D469F2



F96A23

Rectangle

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



01AE30



00B6AE



D469F2



FF4080

Sweetspot

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



01AE30



9FE3B1



80AE01



497355



F2F2F2



737373

Same Dimension

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



01AE30



00E33E



01AE86



4E5750



009629



001706

Inverse Universe

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



AE017F



E300A5



AE0129



574E54



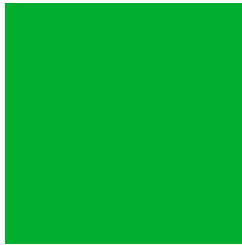
96006E



170011

Previews

White Background



This preview shows how the Hex color 01AE30 looks on a white background.

Color Contrast Check

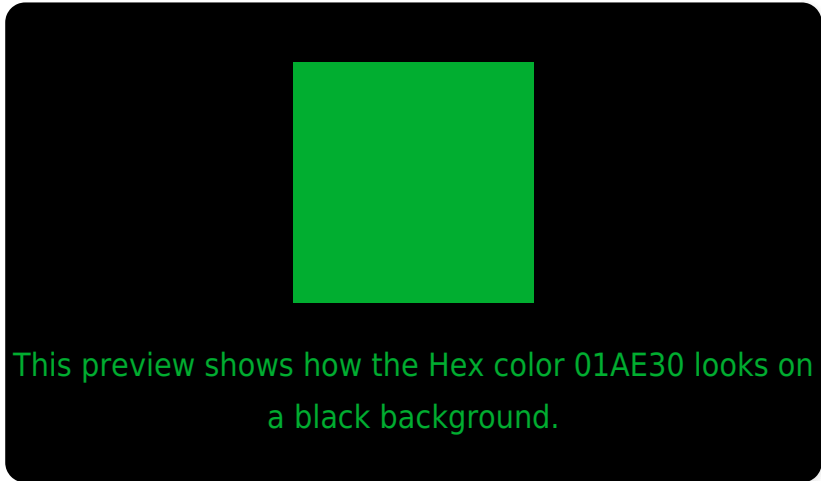
Large Text (above 18pt) WCAG AA × Fail

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 01AE30 Background



This preview shows how black text looks on a background with the Hex color 01AE30.



This preview shows how white text looks on a background with the Hex color 01AE30.

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





Tritanopia
47A2B0

Trichromacy



Original Color

01AE30



Protanomaly

6B9E2C



Deuteranomaly

769A38



Tritanomaly

2EA681

Monochromacy



Original Color

01AE30



Achromatopsia

6C6C6C



Achromatomaly

458456

CSS Examples

Text

The CSS property to change the color of the text to Hex 01AE30 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 #01AE30 looks like.

```
.text, #text, p{  
    color:#01AE30  
}
```

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 #01AE30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AE30
}
```

Border

The CSS property to change the border of an element to Hex 01AE30 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
#01AE30 }
```

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

```
.border{ border-color:#01AE30 }
```

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

Here you see how a box with a 4 pixel #01AE30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AE30; -webkit-box-shadow:4px 4px  
4px 4px #01AE30; box-shadow:4px 4px 4px  
4px #01AE30 }
```

Background

The CSS property to change the background color of an element to Hex 01AE30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AE30 }
```

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

```
.background{ background-color:#01AE30 }
```

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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