

Converting Colors

Hex(01AD45)

Have a look what the booklet for
Hex(01AD45) contains.

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Color

Hex(01AD45)

Conversions

Conversions Part 1

Format	Color
Hex	01AD45
RGB	1, 173, 69
RGB Percent	0%, 68%, 27%
CMY	0.9961, 0.3216, 0.7294
CMYK	0.99, 0.00, 0.60, 0.32
HSL	144°, 99%, 34%
HSV	144°, 99%, 68%
XYZ	16.0303, 30.3233, 10.6383
YIQ	109.7160, -69.1280, -68.8080

Conversions

Conversions Part 2

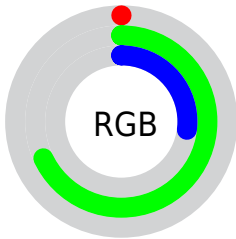
Format	Color
RYB	1, 124, 173
Decimal	109893
CIELab	61.93, -59.66, 42.25
CIELCh	62, 73.108, 144.696
Yxy	30.3233, 0.2813, 0.5321
Android (android.graphics.Color)	4278299973 (0xFF01AD45)
YUV	109.7160, -20.0730, -95.3439
Hunter-Lab	55.0666, -44.4039, 27.0923

Details

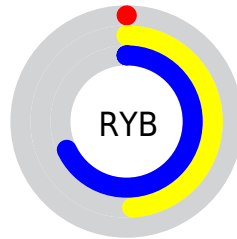
The Hex color **01AD45** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD0169**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5DE678**, and **007710** is the 20% darker color. If you saturate the color by 10%, you get **00AD44**, and if you desaturate by 10%, it is **12AD4F**.

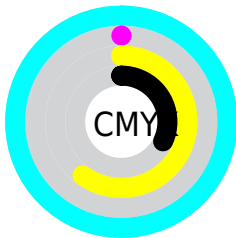
Distribution



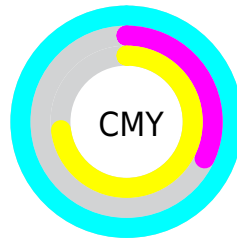
- Red (0%)
- Green (68%)
- Blue (27%)



- Red (0%)
- Yellow (49%)
- Blue (68%)



- Cyan (99%)
- Magenta (0%)
- Yellow (60%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01AD45 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 01AD45 by changing the saturation by 10% instead.

 01AD45

 01AD45

FFFFFF

 00922C

 5DE678

 007710

 7DFF93

 005D00

 9BFFAE

 004400

 B9FFCA

 002D00

 D7FFE7

 000D00

 F5FFFF

 000000

 01AD45

 01AD45

 00AD44

 12AD4F

 24AD5A

 35AD64

 46AD6F

 58AD79

 69AD84

 7AAD8E

 8BAD99

 9DADA3

Harmonies

Analogous

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



80A200



01AD45



00B288

Triad

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



01AD45



00A1FF



FF5764

Complementary

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



01AD45



AD0169

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.



FF51A4



01AD45



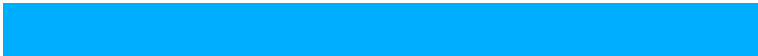
7B89FF

Square

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



01AD45



00AEFF



D86AE2



EC7328

Rectangle

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



01AD45



00B3B5



D86AE2



FF5179

Sweetspot

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



01AD45



9DE0B8



6BAD01



487058



F0F0F0



707070

Same Dimension

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



01AD45



00E059



01AD99



4E5751



00963B



001709

Inverse Universe

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



AD0169



E00088



AD0115



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 01AD45 looks on a white background.

Color Contrast Check

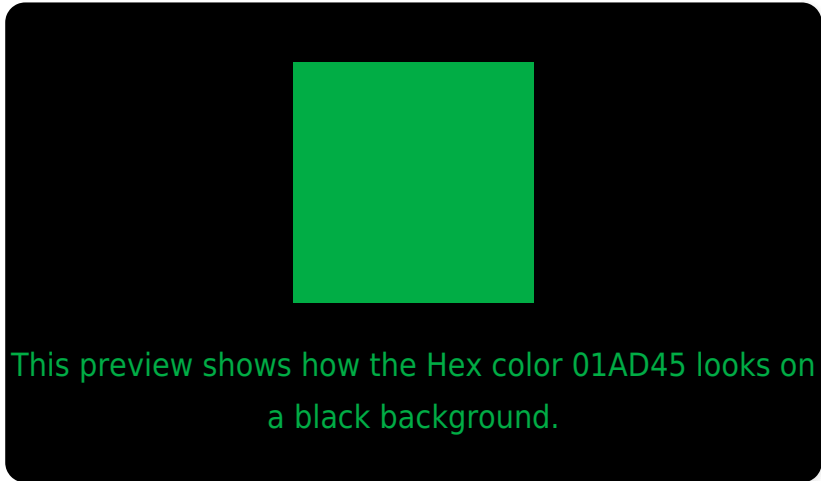
Large Text (above 18pt) WCAG AA × Fail

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 01AD45 Background



This preview shows how black text looks on a background with the Hex color 01AD45.



This preview shows how white text looks on a background with the Hex color 01AD45.

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
45A2AF

Trichromacy



Original Color

01AD45



Protanomaly

699E41



Deuteranomaly

74994B



Tritanomaly

2CA688

Monochromacy



Original Color

01AD45



Achromatopsia

6E6E6E



Achromatomaly

46855F

CSS Examples

Text

The CSS property to change the color of the text to Hex 01AD45 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 #01AD45 looks like.

```
.text, #text, p{  
    color:#01AD45  
}
```

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 #01AD45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AD45
}
```

Border

The CSS property to change the border of an element to Hex 01AD45 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
#01AD45 }
```

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

```
.border{ border-color:#01AD45 }
```

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

Here you see how a box with a 4 pixel #01AD45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AD45; -webkit-box-shadow:4px 4px  
4px 4px #01AD45; box-shadow:4px 4px 4px  
4px #01AD45 }
```

Background

The CSS property to change the background color of an element to Hex 01AD45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AD45 }
```

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

```
.background{ background-color:#01AD45 }
```

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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