

Converting Colors

Hex(01AA36)

Have a look what the booklet for
Hex(01AA36) contains.

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Color

Hex(01AA36)

Conversions

Conversions Part 1

Format	Color
Hex	01AA36
RGB	1, 170, 54
RGB Percent	0%, 67%, 21%
CMY	0.9961, 0.3333, 0.7882
CMYK	0.99, 0.00, 0.68, 0.33
HSL	139°, 99%, 34%
HSV	139°, 99%, 67%
XYZ	15.0531, 29.0222, 8.2985
YIQ	106.2450, -63.4880, -71.9040

Conversions

Conversions Part 2

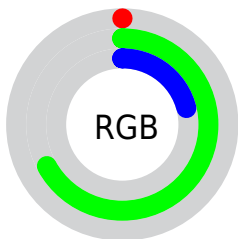
Format	Color
RYB	1, 130, 170
Decimal	109110
CIELab	60.80, -60.52, 47.62
CIELCh	61, 77.009, 141.803
Yxy	29.0222, 0.2874, 0.5541
Android (android.graphics.Color)	4278299190 (0xFF01AA36)
YUV	106.2450, -25.7568, -92.2999
Hunter-Lab	53.8723, -44.3997, 28.5776

Details

The Hex color **01AA36** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA0175**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5DE36A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA35**, and if you desaturate by 10%, it is **12AA42**.

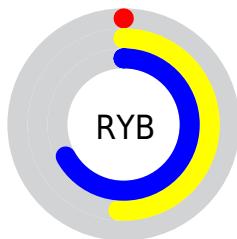
Distribution



Red (0%)

Green (67%)

Blue (21%)



Red (0%)

Yellow (51%)

Blue (67%)

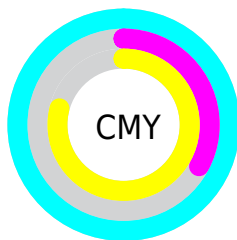


Cyan (99%)

Magenta (0%)

Yellow (68%)

Black (33%)



Cyan (100%)

Magenta (33%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01AA36 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 01AA36 by changing the saturation by 10% instead.

 01AA36

 01AA36

FFFFFF

 008F1A

 5DE36A

 007400

 7CFF85

 005A00

 9AFFA0

 004100

 B8FFBC

 002A00

 D7FFD8

 000500

 F5FFF5

 000000

 01AA36

 01AA36

 00AA35

 12AA42

 23AA4D

 34AA59

 45AA65

 56AA70

 67AA7C

 78AA88

 89AA93

 9AAA9F

Harmonies

Analogous

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



819E00



01AA36



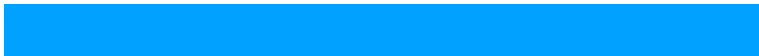
00B07D

Triad

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



01AA36



00A1FF



FF4B65

Complementary

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



01AA36



AA0175

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.



FF47A8



01AA36



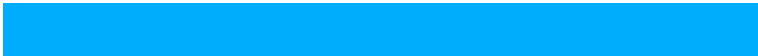
6389FF

Square

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



01AA36



00ADFD



D167E8



EF6B24

Rectangle

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



01AA36



00B1AD



D167E8



FF457B

Sweetspot

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



01AA36



9BDEB0



77AA01



487054



F0F0F0



707070

Same Dimension

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



01AA36



00DE46



01AA88



4C544E



00942E



001406

Inverse Universe

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



AA0175



DE0098



AA0123



544C52



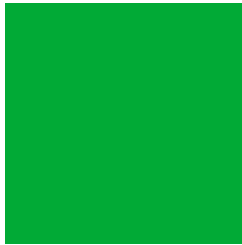
940066



14000E

Previews

White Background



This preview shows how the Hex color 01AA36 looks on a white background.

Color Contrast Check

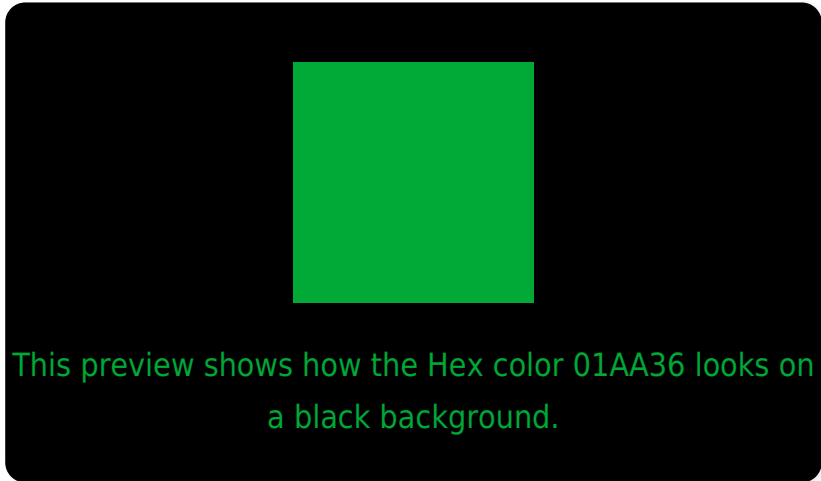
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 01AA36 Background



This preview shows how black text looks on a background with the Hex color 01AA36.



This preview shows how white text looks on a background with the Hex color 01AA36.

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
01AA36

Protanopia
A39230

Deuteranopia
B48B41

Trichromacy



Original Color
01AA36



Protanomaly
689B32



Deuteranomaly
73963D



Tritanomaly
2CA381

Monochromacy



Original Color
01AA36



Achromatopsia
6A6A6A



Achromatomaly
448157

CSS Examples

Text

The CSS property to change the color of the text to Hex 01AA36 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 #01AA36 looks like.

```
.text, #text, p{  
    color:#01AA36  
}
```

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 #01AA36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AA36
}
```

Border

The CSS property to change the border of an element to Hex 01AA36 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
#01AA36 }
```

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

```
.border{ border-color:#01AA36 }
```

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

Here you see how a box with a 4 pixel #01AA36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AA36; -webkit-box-shadow:4px 4px  
4px 4px #01AA36; box-shadow:4px 4px 4px  
4px #01AA36 }
```

Background

The CSS property to change the background color of an element to Hex 01AA36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AA36 }
```

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

```
.background{ background-color:#01AA36 }
```

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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