

Converting Colors

Hex(00AA35)

Have a look what the booklet for
Hex(00AA35) contains.

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Color

Hex(00AA35)

Conversions

Conversions Part 1

Format	Color
Hex	00AA35
RGB	0, 170, 53
RGB Percent	0%, 67%, 21%
CMY	1.0000, 0.3333, 0.7922
CMYK	1.00, 0.00, 0.69, 0.33
HSL	139°, 100%, 33%
HSV	139°, 100%, 67%
XYZ	15.0173, 29.0065, 8.1755
YIQ	105.8320, -63.7630, -72.4270

Conversions

Conversions Part 2

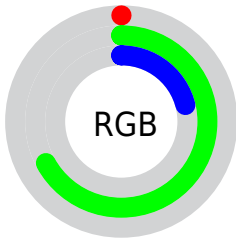
Format	Color
RYB	0, 130, 170
Decimal	43573
CIELab	60.79, -60.67, 48.02
CIELCh	61, 77.376, 141.642
Yxy	29.0065, 0.2877, 0.5557
Android (android.graphics.Color)	4278233653 (0xFF00AA35)
YUV	105.8320, -26.0462, -92.8147
Hunter-Lab	53.8577, -44.4791, 28.7003

Details

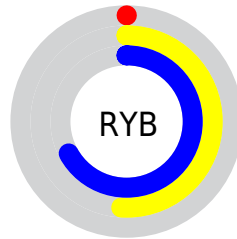
The Hex color **00AA35** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA0075**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **5DE369**, 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 **11AA41**.

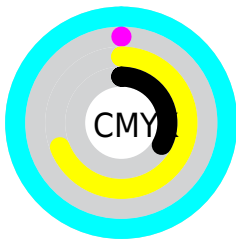
Distribution



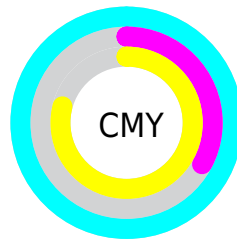
- Red (0%)
- Green (67%)
- Blue (21%)



- Red (0%)
- Yellow (51%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA35 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 00AA35 by changing the saturation by 10% instead.

 00AA35

 00AA35

FFFFFF

 008F19

 5DE369

 007400

 7CFF84

 005A00

 9AFF9F

 004100

 B8FFBB

 002A00

 D7FFD7

 000500

 F5FFF4

 000000

 00AA35

 11AA41

 22AA4C

 33AA58

 44AA64

 55AA70

 66AA7B

 77AA87

 88AA93

 99AA9E

Harmonies

Analogous

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



819E00



00AA35



00B07D

Triad

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



00AA35



00A1FF



FF4A65

Complementary

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



00AA35



AA0075

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.



FF47A9



00AA35



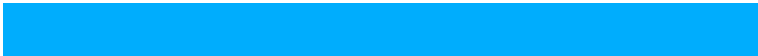
6189FF

Square

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



00AA35



00ADFD



D167E9



F06A23

Rectangle

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



00AA35



00B1AC



D167E9



FF447B

Sweetspot

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



00AA35



9BDEB0



77AA00



487054



F0F0F0



707070

Same Dimension

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



00AA35



00DE45



00AA88



4C544E



00942E



001406

Inverse Universe

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



AA0075



DE0099



AA0022



544C52



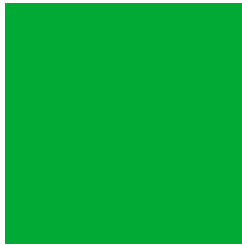
940066



14000E

Previews

White Background



This preview shows how the Hex color 00AA35 looks on a white background.

Color Contrast Check

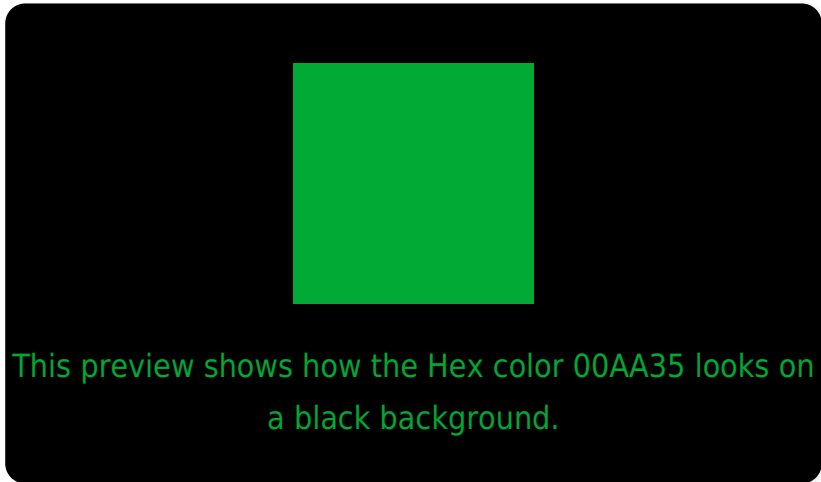
Large Text (above 18pt) WCAG AA ✓ Pass

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

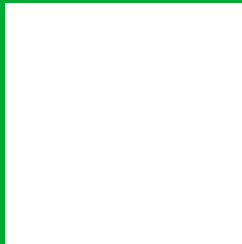
Any Text WCAG AAA × Fail

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

Hex 00AA35 Background



This preview shows how black text looks on a background with the Hex color 00AA35.



This preview shows how white text looks on a background with the Hex color 00AA35.

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
00AA35

Protanopia
A3922F

Deuteranopia
B58B40

Trichromacy



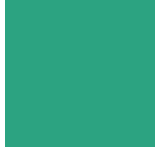
Original Color
00AA35



Protanomaly
689B31



Deuteranomaly
73963C



Tritanomaly
2CA381

Monochromacy



Original Color
00AA35



Achromatopsia
6A6A6A



Achromatomaly
438157

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA35 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 #00AA35 looks like.

```
.text, #text, p{  
    color:#00AA35  
}
```

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 #00AA35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA35
}
```

Border

The CSS property to change the border of an element to Hex 00AA35 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
#00AA35 }
```

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

```
.border{ border-color:#00AA35 }
```

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

Here you see how a box with a 4 pixel #00AA35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA35; -webkit-box-shadow:4px 4px  
4px 4px #00AA35; box-shadow:4px 4px 4px  
4px #00AA35 }
```

Background

The CSS property to change the background color of an element to Hex 00AA35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA35 }
```

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

```
.background{ background-color:#00AA35 }
```

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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