

Converting Colors

Hex(00AA15)

Have a look what the booklet for
Hex(00AA15) contains.

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Color

Hex(00AA15)

Conversions

Conversions Part 1

Format	Color
Hex	00AA15
RGB	0, 170, 21
RGB Percent	0%, 67%, 8%
CMY	1.0000, 0.3333, 0.9176
CMYK	1.00, 0.00, 0.88, 0.33
HSL	127°, 100%, 33%
HSV	127°, 100%, 67%
XYZ	14.5101, 28.8036, 5.5044
YIQ	102.1840, -53.4910, -82.3790

Conversions

Conversions Part 2

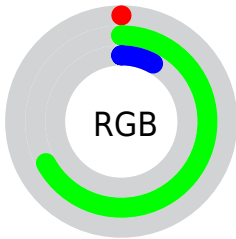
Format	Color
RYB	0, 151, 170
Decimal	43541
CIELab	60.61, -62.98, 58.13
CIELCh	61, 85.707, 137.292
Yxy	28.8036, 0.2972, 0.5900
Android (android.graphics.Color)	4278233621 (0xFF00AA15)
YUV	102.1840, -40.0237, -89.6154
Hunter-Lab	53.6690, -45.6610, 31.4874

Details

The Hex color **00AA15** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA0095**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5FE352**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA15**, and if you desaturate by 10%, it is **11AA24**.

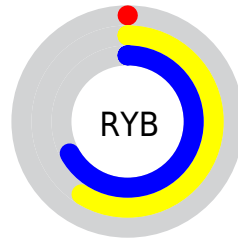
Distribution



Red (0%)

Green (67%)

Blue (8%)



Red (0%)

Yellow (59%)

Blue (67%)

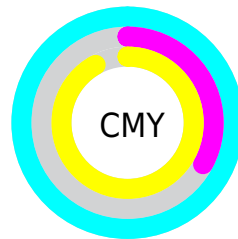


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (33%)



Cyan (100%)

Magenta (33%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA15 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 00AA15 by changing the saturation by 10% instead.

 00AA15

 00AA15

FFFFFF

 008F00

 5FE352

 007400

 7EFF6D

 005A00

 9CFF89

 004100

 BBFFA4

 002900

 D9FFC1

 000400

 F8FFDE

 000000

 FFFFFB

 00AA15

 11AA24

 22AA33

 33AA42

 44AA51

 55AA5F

 66AA6E

 77AA7D

 88AA8C

 99AA9B

Harmonies

Analogous

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



889C00



00AA15



00B16E

Triad

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



00AA15



00A5FF



FF326A

Complementary

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



00AA15



AA0095

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.



FF37B6



00AA15



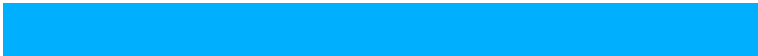
068CFF

Square

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



00AA15



00B0FF



CA65FA



FD5E1F

Rectangle

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



00AA15



00B3A3



CA65FA



FF2A83

Sweetspot

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



00AA15



9BDEA4



96AA00



48704D



F0F0F0



707070

Same Dimension

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



00AA15



00DE1B



00AA69



4C544D



009412



001403

Inverse Universe

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



AA0095



DE00C2



AA0041



544C53



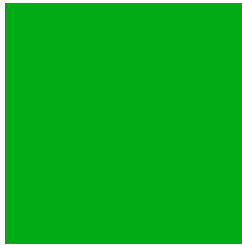
940082



140012

Previews

White Background



This preview shows how the Hex color 00AA15 looks on a white background.

Color Contrast Check

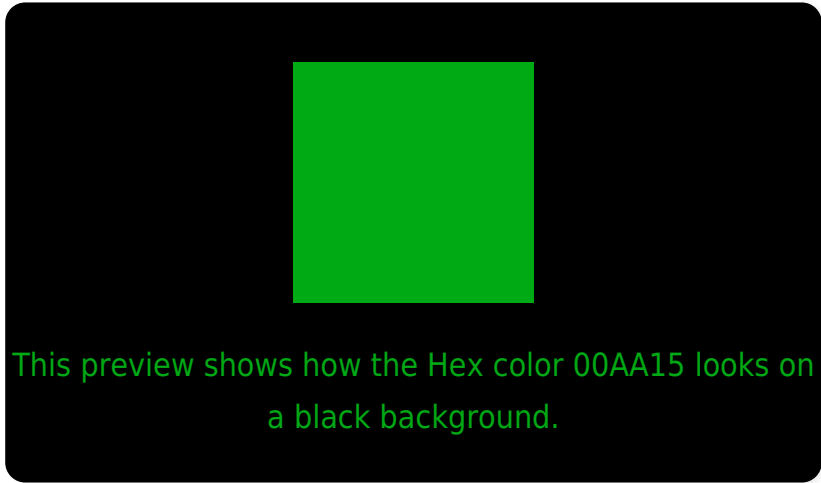
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AA15 Background



This preview shows how black text looks on a background with the Hex color 00AA15.



This preview shows how white text looks on a background with the Hex color 00AA15.

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](#).

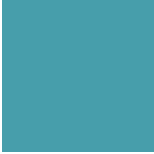
Dichromacy



Original Color
00AA15

Protanopia
A4920C

Deuteranopia
B68A2A



Tritanopia
479EAB

Trichromacy



Original Color
00AA15



Protanomaly
689B0F



Deuteranomaly
749622



Tritanomaly
2DA274

Monochromacy



Original Color
00AA15



Achromatopsia
666666



Achromatomaly
417F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA15 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 #00AA15 looks like.

```
.text, #text, p{  
    color:#00AA15  
}
```

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 #00AA15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA15
}
```

Border

The CSS property to change the border of an element to Hex 00AA15 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".

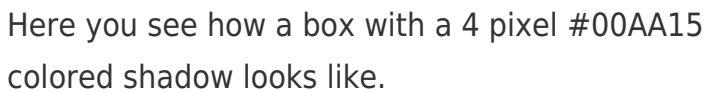
```
.border, #border, table{ border:4px solid
#00AA15 }
```

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

```
.border{ border-color:#00AA15 }
```

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

Here you see how a box with a 4 pixel #00AA15 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA15; -webkit-box-shadow:4px 4px  
4px 4px #00AA15; box-shadow:4px 4px 4px  
4px #00AA15 }
```

Background

The CSS property to change the background color of an element to Hex 00AA15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA15 }
```

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

```
.background{ background-color:#00AA15 }
```

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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