

Converting Colors

Hex(00AC11)

Have a look what the booklet for
Hex(00AC11) contains.

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Color

Hex(00AC11)

Conversions

Conversions Part 1

Format	Color
Hex	00AC11
RGB	0, 172, 17
RGB Percent	0%, 67%, 7%
CMY	1.0000, 0.3255, 0.9333
CMYK	1.00, 0.00, 0.90, 0.33
HSL	126°, 100%, 34%
HSV	126°, 100%, 67%
XYZ	14.8537, 29.5455, 5.4503
YIQ	102.9020, -52.7570, -84.6690

Conversions

Conversions Part 2

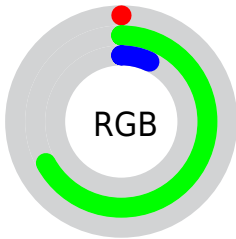
Format	Color
RYB	0, 157, 172
Decimal	44049
CIELab	61.26, -63.70, 59.50
CIElCh	61, 87.163, 136.952
Yxy	29.5455, 0.2980, 0.5927
Android (android.graphics.Color)	4278234129 (0xFF00AC11)
YUV	102.9020, -42.3497, -90.2451
Hunter-Lab	54.3558, -46.3443, 32.1040

Details

The Hex color **00AC11** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AC009B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5FE550**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **00AC11**, and if you desaturate by 10%, it is **11AC21**.

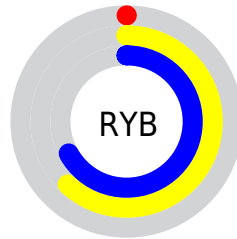
Distribution



Red (0%)

Green (67%)

Blue (7%)



Red (0%)

Yellow (62%)

Blue (67%)

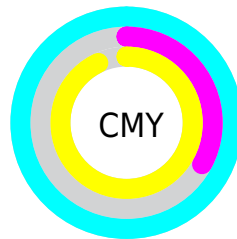


Cyan (100%)

Magenta (0%)

Yellow (90%)

Black (33%)



Cyan (100%)

Magenta (33%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC11 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 00AC11 by changing the saturation by 10% instead.

 00AC11

 00AC11

FFFFFF

 009100

 5FE550

 007600

 7FFF6C

 005C00

 9DFF87

 004300

 BCFFA3

 002B00

 DAFFC0

 000900

 F9FFDC

 000000

 FFFFFA

 00AC11

 11AC21

 22AC30

 34AC40

 45AC4F

 56AC5F

 67AC6E

 78AC7E

 8AAC8D

 9BAC9D

Harmonies

Analogous

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



8A9E00



00AC11



00B36E

Triad

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



00AC11



00A7FF



FF306C

Complementary

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



00AC11



AC009B

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.



FF36B9



00AC11



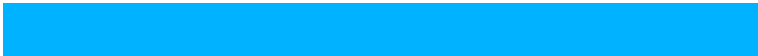
008EFF

Square

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



00AC11



00B2FF



CB67FF



FF5D1F

Rectangle

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



00AC11



00B5A4



CB67FF



FF2786

Sweetspot

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



00AC11



9DE0A4



9EAC00



48704C



F0F0F0



707070

Same Dimension

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



00AC11



00E016



00AC64



4E574F



00960F



001702

Inverse Universe

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



AC009B



E00CA



AC0048



574E56



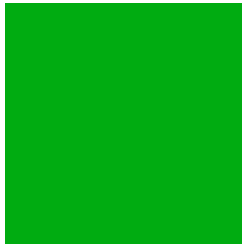
960088



170015

Previews

White Background



This preview shows how the Hex color 00AC11 looks on a white background.

Color Contrast Check

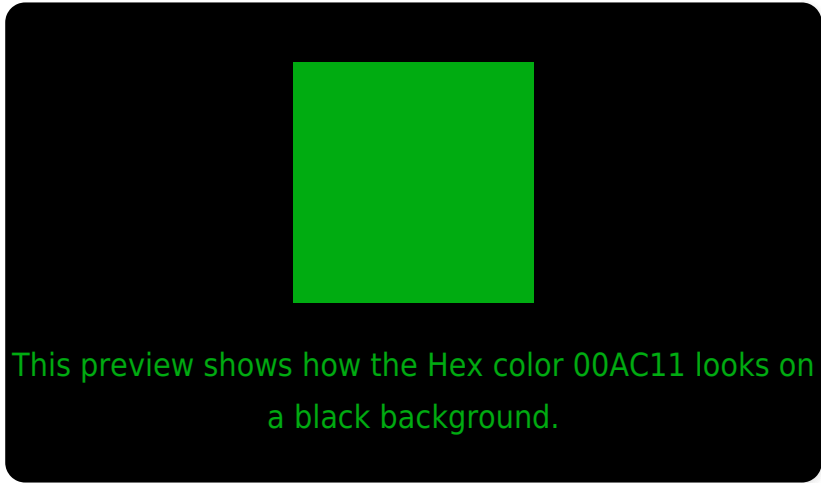
Large Text (above 18pt) WCAG AA ✓ Pass

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

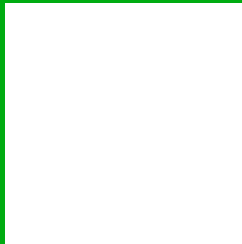
Any Text WCAG AAA × Fail

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

Hex 00AC11 Background



This preview shows how black text looks on a background with the Hex color 00AC11.



This preview shows how white text looks on a background with the Hex color 00AC11.

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](#).

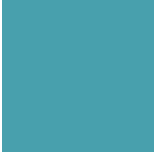
Dichromacy



Original Color
00AC11

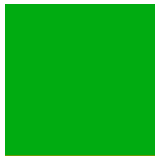
Protanopia
A69300

Deuteranopia
B88B28



Tritanopia
48A0AD

Trichromacy



Original Color
00AC11



Protanomaly
6A9C06



Deuteranomaly
759720



Tritanomaly
2EA474

Monochromacy



Original Color
00AC11



Achromatopsia
676767



Achromatomaly
428048

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC11 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 #00AC11 looks like.

```
.text, #text, p{  
    color:#00AC11  
}
```

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 #00AC11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC11
}
```

Border

The CSS property to change the border of an element to Hex 00AC11 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
#00AC11 }
```

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

```
.border{ border-color:#00AC11 }
```

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

Here you see how a box with a 4 pixel #00AC11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC11; -webkit-box-shadow:4px 4px  
4px 4px #00AC11; box-shadow:4px 4px 4px  
4px #00AC11 }
```

Background

The CSS property to change the background color of an element to Hex 00AC11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC11 }
```

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

```
.background{ background-color:#00AC11 }
```

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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