

Converting Colors

Hex(00AA59)

Have a look what the booklet for
Hex(00AA59) contains.

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Color

Hex(00AA59)

Conversions

Conversions Part 1

Format	Color
Hex	00AA59
RGB	0, 170, 89
RGB Percent	0%, 67%, 35%
CMY	1.0000, 0.3333, 0.6510
CMYK	1.00, 0.00, 0.48, 0.33
HSL	151°, 100%, 33%
HSV	151°, 100%, 67%
XYZ	16.1779, 29.4707, 14.2869
YIQ	109.9360, -75.3190, -61.2310

Conversions

Conversions Part 2

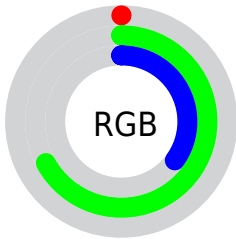
Format	Color
RYB	0, 112, 170
Decimal	43609
CIELab	61.19, -55.64, 31.46
CIELCh	61, 63.920, 150.512
Yxy	29.4707, 0.2699, 0.4917
Android (android.graphics.Color)	4278233689 (0xFF00AA59)
YUV	109.9360, -10.3214, -96.4139
Hunter-Lab	54.2869, -41.8079, 22.3972

Details

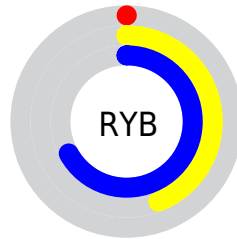
The Hex color **00AA59** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA0051**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CE38C**, and **007429** is the 20% darker color. If you saturate the color by 10%, you get **00AA59**, and if you desaturate by 10%, it is **11AA61**.

Distribution



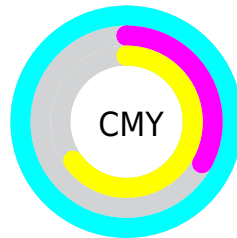
- Red (0%)
- Green (67%)
- Blue (35%)



- Red (0%)
- Yellow (44%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA59 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 00AA59 by changing the saturation by 10% instead.

 00AA59

 00AA59

FFFFFF

 008F41

 5CE38C

 007429

 7AFFA7

 005A11

 98FFC2

 004100

 B6FFDF

 002B00

 D4FFFB

 000800

 F2FFFF

 000000

 00AA59

 11AA61

 22AA69

 33AA71

 44AA79

 55AA81

 66AA8A

 77AA92

 88AA9A

 99AAA2

Harmonies

Analogous

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



76A126



00AA59



00AE93

Triad

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



00AA59



009AFF



F5655E

Complementary

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



00AA59



AA0051

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.



F75C95



00AA59



9484F6

Square

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



00AA59



00A8F6



D86BCC



DB7B2E

Rectangle

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



00AA59



00AEBA



D86BCC



F95F70

Sweetspot

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



00AA59



9BDEBE



52AA00



48705D



F0F0F0



707070

Same Dimension

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



00AA59



00DE74



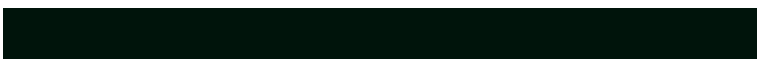
00A7AA



4C5450



00944D



00140B

Inverse Universe

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



AA0051



DE006A



AA0300



544C50



940046



14000A

Previews

White Background



This preview shows how the Hex color 00AA59 looks on a white background.

Color Contrast Check

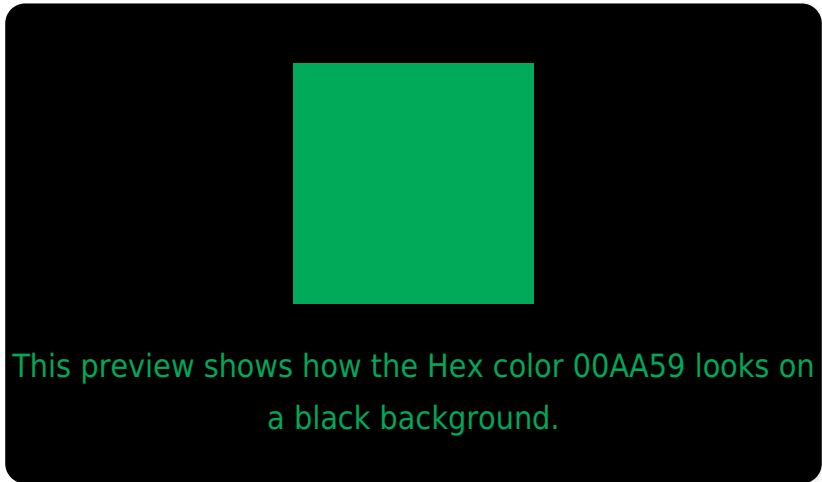
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AA59 Background



This preview shows how black text looks on a background with the Hex color 00AA59.



This preview shows how white text looks on a background with the Hex color 00AA59.

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
00AA59

Protanopia
A19351

Deuteranopia
B08C60



Tritanopia
40A1AE

Trichromacy



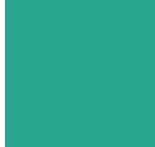
Original Color
00AA59



Protanomaly
669B54



Deuteranomaly
70975D



Tritanomaly
29A48F

Monochromacy



Original Color
00AA59



Achromatopsia
6E6E6E



Achromatomaly
468466

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA59 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 #00AA59 looks like.

```
.text, #text, p{  
    color:#00AA59  
}
```

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 #00AA59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA59
}
```

Border

The CSS property to change the border of an element to Hex 00AA59 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
#00AA59 }
```

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

```
.border{ border-color:#00AA59 }
```

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

Here you see how a box with a 4 pixel #00AA59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA59; -webkit-box-shadow:4px 4px  
4px 4px #00AA59; box-shadow:4px 4px 4px  
4px #00AA59 }
```

Background

The CSS property to change the background color of an element to Hex 00AA59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA59 }
```

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

```
.background{ background-color:#00AA59 }
```

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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