

Converting Colors

Hex(00AA79)

Have a look what the booklet for
Hex(00AA79) contains.

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Color

Hex(00AA79)

Conversions

Conversions Part 1

Format	Color
Hex	00AA79
RGB	0, 170, 121
RGB Percent	0%, 67%, 47%
CMY	1.0000, 0.3333, 0.5255
CMYK	1.00, 0.00, 0.29, 0.33
HSL	163°, 100%, 33%
HSV	163°, 100%, 67%
XYZ	17.8259, 30.1299, 22.9653
YIQ	113.5840, -85.5910, -51.2790

Conversions

Conversions Part 2

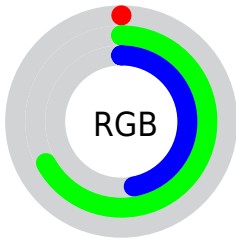
Format	Color
RYB	0, 99, 170
Decimal	43641
CIELab	61.77, -49.00, 15.03
CIELCh	62, 51.249, 162.948
Yxy	30.1299, 0.2513, 0.4248
Android (android.graphics.Color)	4278233721 (0xFF00AA79)
YUV	113.5840, 3.6561, -99.6132
Hunter-Lab	54.8907, -38.0904, 13.6176

Details

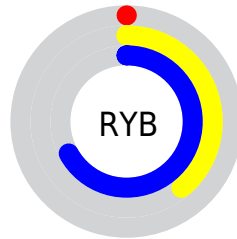
The Hex color **00AA79** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA0031**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5CE2AD**, and **007448** is the 20% darker color. If you saturate the color by 10%, you get **00AA79**, and if you desaturate by 10%, it is **11AA7E**.

Distribution



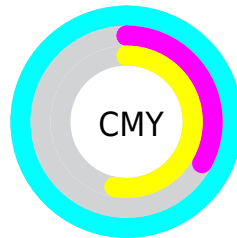
- Red (0%)
- Green (67%)
- Blue (47%)



- Red (0%)
- Yellow (39%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA79 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 00AA79 by changing the saturation by 10% instead.

 00AA79

 00AA79

FFFFFF

 008F60

 5CE2AD

 007448

 7BFFC9

 005B31

 99FFE5

 00421C

 B7FFFF

 002C04


 D5FFFF

 000C00

 F3FFFF

 000000

 00AA79

 11AA7E

 22AA83

 33AA88

 44AA8D

 55AA92

 66AA96

 77AA9B

 88AAA0

 99AAA5

Harmonies

Analogous

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



6AA450



00AA79



00ACA8

Triad

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



00AA79



6993EE



E07859

Complementary

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



00AA79



AA0031

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.



EA6E83



00AA79



B281D8

Square

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



00AA79



00A1EC



DB71B1



C48A3C

Rectangle

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



00AA79



00ABC5



DB71B1



E67466

Sweetspot

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



00AA79



9BDECB



33AA00



487065



F0F0F0



707070

Same Dimension

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



00AA79



00DE9E



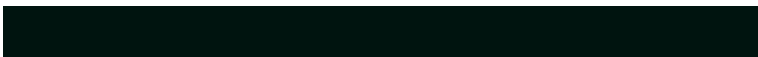
0088AA



4C5452



009469



00140F

Inverse Universe

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



AA0031



DE0040



AA2200



544C4E



94002B



140006

Previews

White Background



This preview shows how the Hex color 00AA79 looks on a white background.

Color Contrast Check

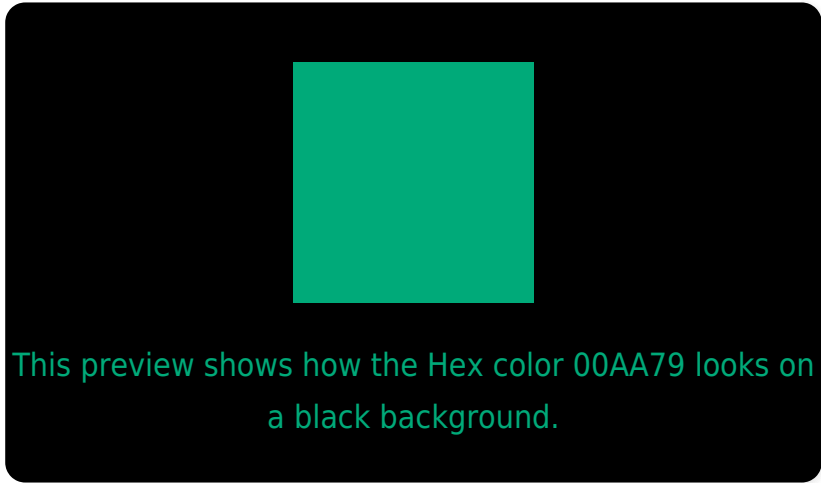
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 00AA79 Background



This preview shows how black text looks on a background with the Hex color 00AA79.

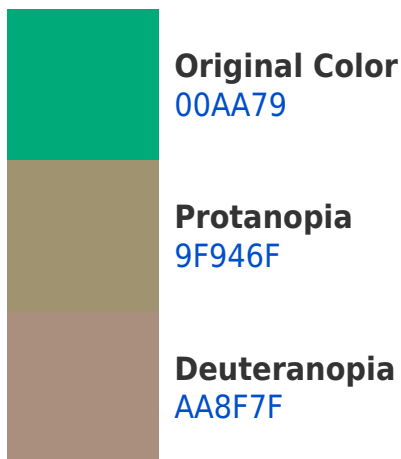


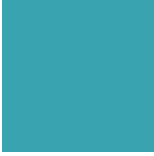
This preview shows how white text looks on a background with the Hex color 00AA79.

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





Tritanopia
39A3B0

Trichromacy



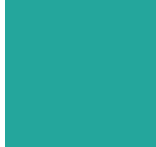
Original Color
00AA79



Protanomaly
659C73



Deuteranomaly
6C997D



Tritanomaly
24A69C

Monochromacy



Original Color
00AA79



Achromatopsia
727272



Achromatomaly
498675

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA79 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 #00AA79 looks like.

```
.text, #text, p{  
    color:#00AA79  
}
```

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 #00AA79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA79
}
```

Border

The CSS property to change the border of an element to Hex 00AA79 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
#00AA79 }
```

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

```
.border{ border-color:#00AA79 }
```

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

Here you see how a box with a 4 pixel #00AA79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA79; -webkit-box-shadow:4px 4px  
4px 4px #00AA79; box-shadow:4px 4px 4px  
4px #00AA79 }
```

Background

The CSS property to change the background color of an element to Hex 00AA79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA79 }
```

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

```
.background{ background-color:#00AA79 }
```

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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