

Converting Colors

Hex(00AC5A)

Have a look what the booklet for
Hex(00AC5A) contains.

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Color

Hex(00AC5A)

Conversions

Conversions Part 1

Format	Color
Hex	00AC5A
RGB	0, 172, 90
RGB Percent	0%, 67%, 35%
CMY	1.0000, 0.3255, 0.6471
CMYK	1.00, 0.00, 0.48, 0.33
HSL	151°, 100%, 34%
HSV	151°, 100%, 67%
XYZ	16.5980, 30.2432, 14.6356
YIQ	111.2240, -76.1900, -61.9660

Conversions

Conversions Part 2

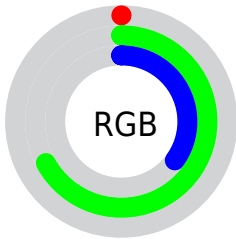
Format	Color
RYB	0, 113, 172
Decimal	44122
CIELab	61.86, -56.14, 31.80
CIELCh	62, 64.523, 150.475
Yxy	30.2432, 0.2700, 0.4919
Android (android.graphics.Color)	4278234202 (0xFF00AC5A)
YUV	111.2240, -10.4634, -97.5434
Hunter-Lab	54.9938, -42.3652, 22.7168

Details

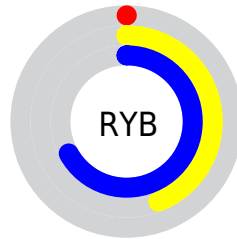
The Hex color **00AC5A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC0052**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5CE58D**, and **00762A** is the 20% darker color. If you saturate the color by 10%, you get **00AC5A**, and if you desaturate by 10%, it is **11AC62**.

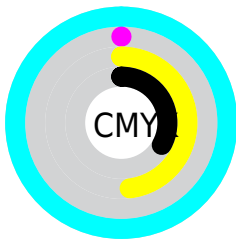
Distribution



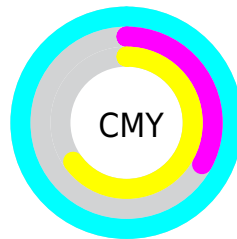
- Red (0%)
- Green (67%)
- Blue (35%)



- 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 00AC5A 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 00AC5A by changing the saturation by 10% instead.

 00AC5A

 00AC5A


FFFFFF

 009142

 5CE58D

 00762A

 7BFFA8

 005C12

 99FFC4

 004300

 B7FFE0

 002D00


 D5FFFD

 000D00

 F3FFFF

 000000

 00AC5A

 11AC62

 22AC6A

 34AC73

 45AC7B

 56AC83

 67AC8B

 78AC93

 8AAC9C

 9BACA4

Harmonies

Analogous

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



78A327



00AC5A



00B095

Triad

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



00AC5A



009CFF



F8665F

Complementary

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



00AC5A



AC0052

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.



F95D97



00AC5A



9586F9

Square

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



00AC5A



00AAF9



DB6CCF



DD7D2E

Rectangle

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



00AC5A



00B0BC



DB6CCF



FC6071

Sweetspot

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



00AC5A



9DE0C0



53AC00



48705D



F0F0F0



707070

Same Dimension

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



00AC5A



00E075



00A9AC



4E5753



00964F



00170C

Inverse Universe

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



AC0052



E0006B



AC0300



574E52



960048



17000B

Previews

White Background



This preview shows how the Hex color 00AC5A looks on a white background.

Color Contrast Check

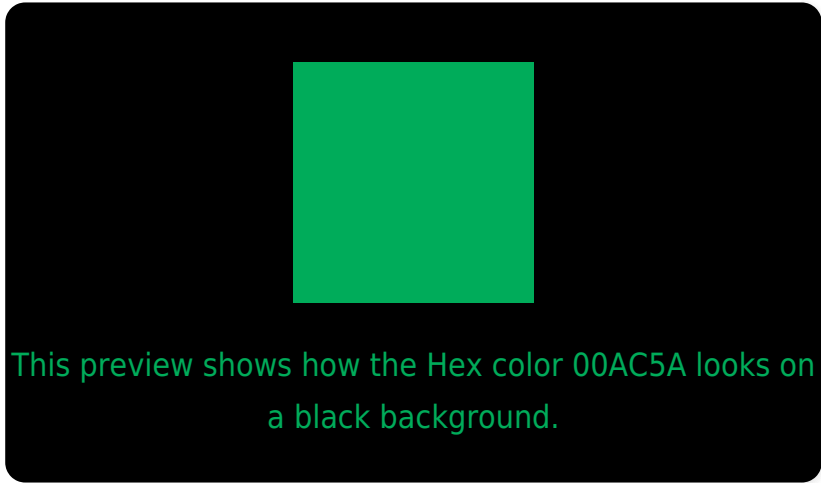
Large Text (above 18pt) WCAG AA × Fail

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 00AC5A Background



This preview shows how black text looks on a background with the Hex color 00AC5A.



This preview shows how white text looks on a background with the Hex color 00AC5A.

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
00AC5A

Protanopia
A39552

Deuteranopia
B28E61



Tritanopia
41A2B0

Trichromacy



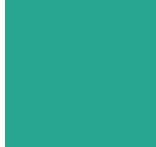
Original Color
00AC5A



Protanomaly
689D55



Deuteranomaly
71995E



Tritanomaly
29A691

Monochromacy



Original Color
00AC5A



Achromatopsia
6F6F6F



Achromatomaly
478567

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC5A 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 #00AC5A looks like.

```
.text, #text, p{  
    color:#00AC5A  
}
```

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 #00AC5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC5A
}
```

Border

The CSS property to change the border of an element to Hex 00AC5A 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
#00AC5A }
```

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

```
.border{ border-color:#00AC5A }
```

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

Here you see how a box with a 4 pixel #00AC5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC5A; -webkit-box-shadow:4px 4px  
4px 4px #00AC5A; box-shadow:4px 4px 4px  
4px #00AC5A }
```

Background

The CSS property to change the background color of an element to Hex 00AC5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC5A }
```

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

```
.background{ background-color:#00AC5A }
```

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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