

Converting Colors

Hex(00AC5D)

Have a look what the booklet for
Hex(00AC5D) contains.

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Color

Hex(00AC5D)

Conversions

Conversions Part 1

Format	Color
Hex	00AC5D
RGB	0, 172, 93
RGB Percent	0%, 67%, 36%
CMY	1.0000, 0.3255, 0.6353
CMYK	1.00, 0.00, 0.46, 0.33
HSL	152°, 100%, 34%
HSV	152°, 100%, 67%
XYZ	16.7283, 30.2954, 15.3218
YIQ	111.5660, -77.1530, -61.0330

Conversions

Conversions Part 2

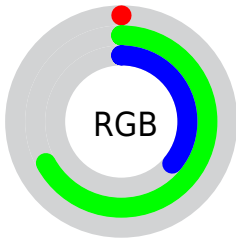
Format	Color
RYB	0, 112, 172
Decimal	44125
CIELab	61.91, -55.61, 30.30
CIELCh	62, 63.325, 151.416
Yxy	30.2954, 0.2683, 0.4859
Android (android.graphics.Color)	4278234205 (0xFF00AC5D)
YUV	111.5660, -9.1530, -97.8434
Hunter-Lab	55.0412, -42.0718, 22.0243

Details

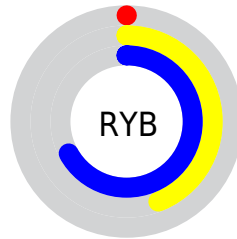
The Hex color **00AC5D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC004F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5CE590**, and **00762D** is the 20% darker color. If you saturate the color by 10%, you get **00AC5D**, and if you desaturate by 10%, it is **11AC65**.

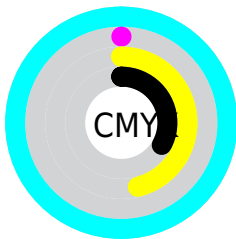
Distribution



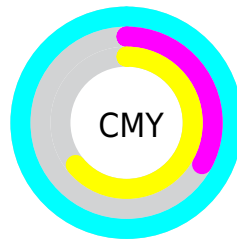
- Red (0%)
- Green (67%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC5D 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 00AC5D by changing the saturation by 10% instead.

 00AC5D

 00AC5D

FFFFFF

 009145

 5CE590

 00762D

 7BFFAB

 005C15

 99FFC7

 004300

 B7FFE3

 002D00


 D5FFFF

 000D00

 F3FFFF

 000000

 00AC5D

 11AC65

 22AC6D

 34AC75

 45AC7D

 56AC85

 67AC8C

 78AC94

 8AAC9C

 9BACA4

Harmonies

Analogous

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



77A32B



00AC5D



00B097

Triad

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



00AC5D



009BFF



F6685E

Complementary

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



00AC5D



AC004F

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.



F85E95



00AC5D



9985F6

Square

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



00AC5D



00A9F8



DB6DCC



DB7E30

Rectangle

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



00AC5D



00B0BD



DB6DCC



FA6270

Sweetspot

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



00AC5D



9DE0C1



50AC00



48705E



F0F0F0



707070

Same Dimension

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



00AC5D



00E079



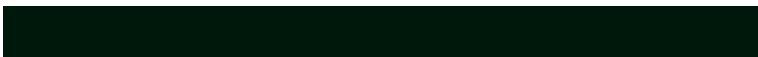
00A6AC



4E5753



009651



00170C

Inverse Universe

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



AC004F



E00067



AC0600



574E52



960045



17000B

Previews

White Background



This preview shows how the Hex color 00AC5D 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



This preview shows how the Hex color 00AC5D looks on a 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 00AC5D Background



This preview shows how black text looks on a background with the Hex color 00AC5D.

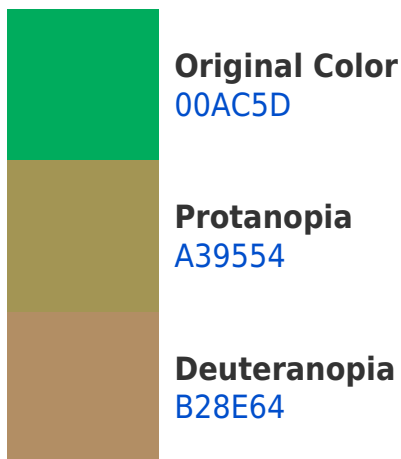


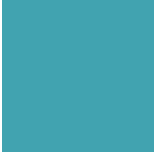
This preview shows how white text looks on a background with the Hex color 00AC5D.

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](#).

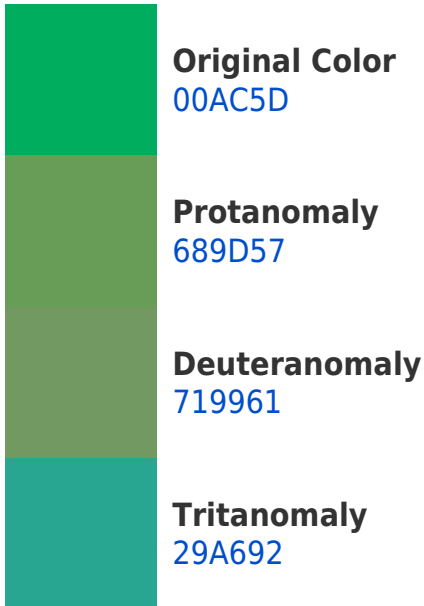
Dichromacy





Tritanopia
41A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC5D 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 #00AC5D looks like.

```
.text, #text, p{  
    color:#00AC5D  
}
```

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 #00AC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC5D
}
```

Border

The CSS property to change the border of an element to Hex 00AC5D 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
#00AC5D }
```

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

```
.border{ border-color:#00AC5D }
```

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

Here you see how a box with a 4 pixel #00AC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC5D; -webkit-box-shadow:4px 4px  
4px 4px #00AC5D; box-shadow:4px 4px 4px  
4px #00AC5D }
```

Background

The CSS property to change the background color of an element to Hex 00AC5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC5D }
```

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

```
.background{ background-color:#00AC5D }
```

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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