

Converting Colors

Hex(00AD5E)

Have a look what the booklet for
Hex(00AD5E) contains.

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Color

Hex(00AD5E)

Conversions

Conversions Part 1

Format	Color
Hex	00AD5E
RGB	0, 173, 94
RGB Percent	0%, 68%, 37%
CMY	1.0000, 0.3216, 0.6314
CMYK	1.00, 0.00, 0.46, 0.32
HSL	153°, 100%, 34%
HSV	153°, 100%, 68%
XYZ	16.9640, 30.6953, 15.6204
YIQ	112.2670, -77.7490, -61.2450

Conversions

Conversions Part 2

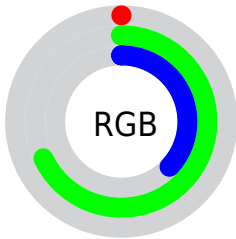
Format	Color
RYB	0, 112, 173
Decimal	44382
CIELab	62.25, -55.77, 30.21
CIELCh	62, 63.428, 151.552
Yxy	30.6953, 0.2681, 0.4851
Android (android.graphics.Color)	4278234462 (0xFF00AD5E)
YUV	112.2670, -9.0056, -98.4582
Hunter-Lab	55.4033, -42.3009, 22.0662

Details

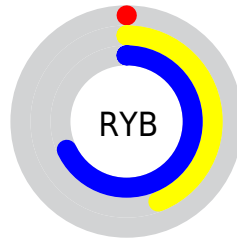
The Hex color **00AD5E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD004F**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5CE691**, and **00772E** is the 20% darker color. If you saturate the color by 10%, you get **00AD5E**, and if you desaturate by 10%, it is **11AD66**.

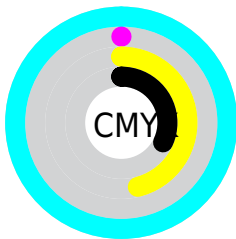
Distribution



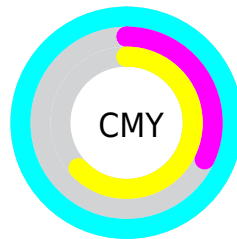
- Red (0%)
- Green (68%)
- Blue (37%)



- Red (0%)
- Yellow (44%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AD5E 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 00AD5E by changing the saturation by 10% instead.

 00AD5E

 00AD5E

FFFFFF

 009246

 5CE691

 00772E

 7BFFAC

 005D16

 9AFFC8

 004400

 B7FFE4

 002E00


 D5FFFF

 000F00

 F4FFFF

 000000

 00AD5E

 11AD66

 23AD6E

 34AD76

 45AD7E

 57AD86

 68AD8D

 79AD95

 8AAD9D

 9CADA5

Harmonies

Analogous

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



77A42C



00AD5E



00B198

Triad

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



00AD5E



009CFF



F7695F

Complementary

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



00AD5E



AD004F

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.



FA5F96



00AD5E



9A86F7

Square

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



00AD5E



00AAF9



DC6DCD



DC7F30

Rectangle

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



00AD5E



00B1BE



DC6DCD



FB6371

Sweetspot

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



00AD5E



9DE0C2



51AD00



48705E



F0F0F0



707070

Same Dimension

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



00AD5E



00E07A



00A7AD



4E5753



009652



00170C

Inverse Universe

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



AD004F



E00066



AD0600



574E52



960045



17000A

Previews

White Background



This preview shows how the Hex color 00AD5E looks on a white background.

Color Contrast Check

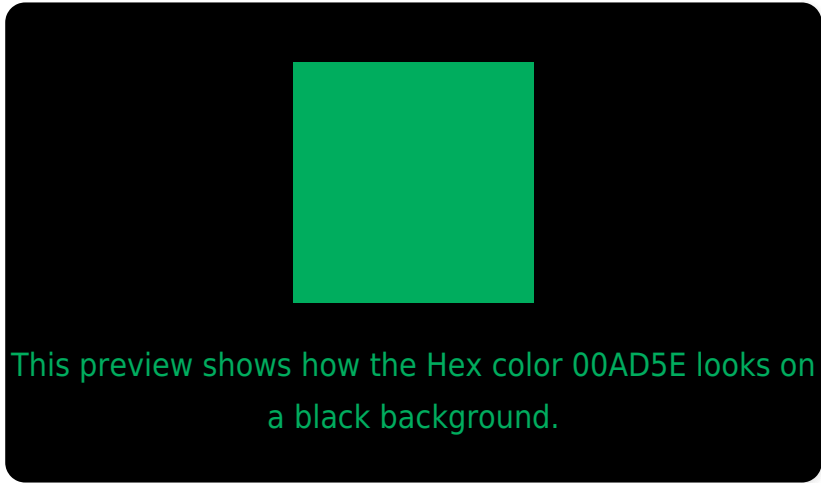
Large Text (above 18pt) WCAG AA × Fail

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 00AD5E Background



This preview shows how black text looks on a background with the Hex color 00AD5E.

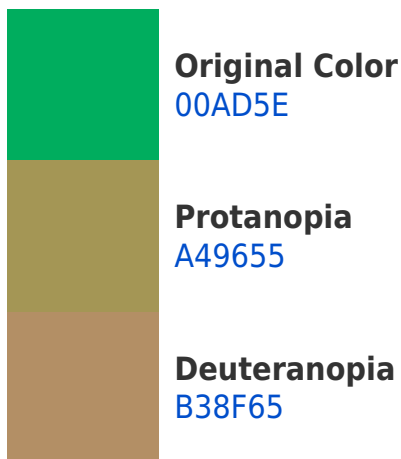


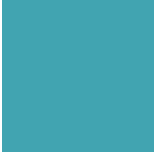
This preview shows how white text looks on a background with the Hex color 00AD5E.

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
41A4B1

Trichromacy



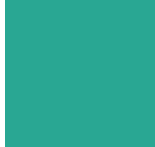
Original Color
00AD5E



Protanomaly
689E58



Deuteranomaly
729A62



Tritanomaly
29A793

Monochromacy



Original Color
00AD5E



Achromatopsia
707070



Achromatomaly
478669

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AD5E 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 #00AD5E looks like.

```
.text, #text, p{  
    color:#00AD5E  
}
```

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 #00AD5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD5E
}
```

Border

The CSS property to change the border of an element to Hex 00AD5E 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
#00AD5E }
```

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

```
.border{ border-color:#00AD5E }
```

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

Here you see how a box with a 4 pixel #00AD5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD5E; -webkit-box-shadow:4px 4px  
4px 4px #00AD5E; box-shadow:4px 4px 4px  
4px #00AD5E }
```

Background

The CSS property to change the background color of an element to Hex 00AD5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD5E }
```

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

```
.background{ background-color:#00AD5E }
```

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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