

Converting Colors

Hex(02AC5D)

Have a look what the booklet for
Hex(02AC5D) contains.

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Color

Hex(02AC5D)

Conversions

Conversions Part 1

Format	Color
Hex	02AC5D
RGB	2, 172, 93
RGB Percent	1%, 67%, 36%
CMY	0.9922, 0.3255, 0.6353
CMYK	0.99, 0.00, 0.46, 0.33
HSL	152°, 98%, 34%
HSV	152°, 99%, 67%
XYZ	16.7533, 30.3083, 15.3230
YIQ	112.1640, -75.9610, -60.6090

Conversions

Conversions Part 2

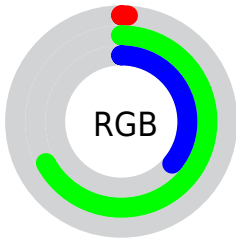
Format	Color
RYB	2, 113, 172
Decimal	175197
CIELab	61.92, -55.52, 30.31
CIELCh	62, 63.252, 151.364
Yxy	30.3083, 0.2685, 0.4858
Android (android.graphics.Color)	4278365277 (0xFF02AC5D)
YUV	112.1640, -9.4479, -96.6138
Hunter-Lab	55.0529, -42.0227, 22.0347

Details

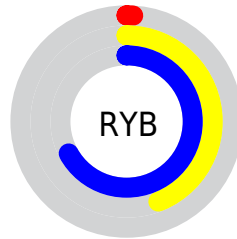
The Hex color **02AC5D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC0251**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5DE590**, and **00762D** is the 20% darker color. If you saturate the color by 10%, you get **00AC5C**, and if you desaturate by 10%, it is **13AC65**.

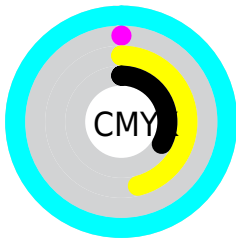
Distribution



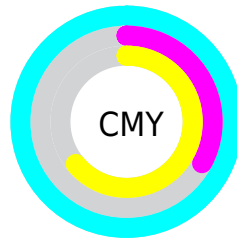
- Red (1%)
- Green (67%)
- Blue (36%)



- Red (1%)
- Yellow (44%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (46%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02AC5D 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 02AC5D by changing the saturation by 10% instead.

 02AC5D

 02AC5D

FFFFFF

 009145

 5DE590

 00762D

 7BFFAB

 005C15

 99FFC7

 004300

 B7FFE3

 002D00

 D5FFFF

 000D00

 F4FFFF

 000000

 02AC5D

 02AC5D

 00AC5C

 13AC65

 24AC6D

 36AC75

 47AC7D

 58AC85

 69AC8D

 7AAC95

 8CAC9D

 9DACA5

Harmonies

Analogous

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



77A32B



02AC5D



00B097

Triad

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



02AC5D



009BFF



F6685F

Complementary

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



02AC5D



AC0251

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.



F85F95



02AC5D



9986F6

Square

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



02AC5D



00A9F8



DB6DCC



DB7E30

Rectangle

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



02AC5D



00B0BD



DB6DCC



FA6270

Sweetspot

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



02AC5D



9DE0C1



51AC02



48705D



F0F0F0



707070

Same Dimension

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



02AC5D



00E078



02A6AC



4E5753



009651



00170C

Inverse Universe

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



AC0251



E00068



AC0802



574E52



960046



17000B

Previews

White Background



This preview shows how the Hex color 02AC5D looks on a white background.

Color Contrast Check

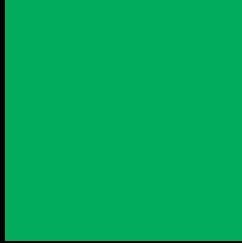
Large Text (above 18pt) WCAG AA × Fail

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 02AC5D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

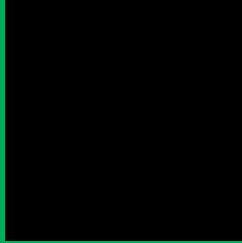
Any Text WCAG AA ✓ Pass

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 02AC5D Background



This preview shows how black text looks on a background with the Hex color 02AC5D.

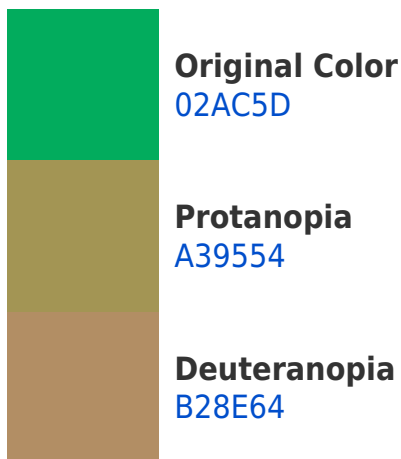


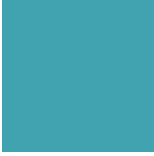
This preview shows how white text looks on a background with the Hex color 02AC5D.

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



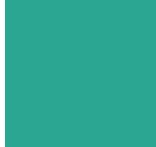
Original Color
02AC5D



Protanomaly
689D57



Deuteranomaly
729961



Tritanomaly
2AA692

Monochromacy



Original Color
02AC5D



Achromatopsia
707070



Achromatomaly
488669

CSS Examples

Text

The CSS property to change the color of the text to Hex 02AC5D 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 #02AC5D looks like.

```
.text, #text, p{  
    color:#02AC5D  
}
```

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 #02AC5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02AC5D
}
```

Border

The CSS property to change the border of an element to Hex 02AC5D 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
#02AC5D }
```

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

```
.border{ border-color:#02AC5D }
```

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

Here you see how a box with a 4 pixel #02AC5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02AC5D; -webkit-box-shadow:4px 4px  
4px 4px #02AC5D; box-shadow:4px 4px 4px  
4px #02AC5D }
```

Background

The CSS property to change the background color of an element to Hex 02AC5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02AC5D }
```

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

```
.background{ background-color:#02AC5D }
```

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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