

Converting Colors

Hex(02AC62)

Have a look what the booklet for
Hex(02AC62) contains.

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Color

Hex(02AC62)

Conversions

Conversions Part 1

Format	Color
Hex	02AC62
RGB	2, 172, 98
RGB Percent	1%, 67%, 38%
CMY	0.9922, 0.3255, 0.6157
CMYK	0.99, 0.00, 0.43, 0.33
HSL	154°, 98%, 34%
HSV	154°, 99%, 67%
XYZ	16.9822, 30.3998, 16.5280
YIQ	112.7340, -77.5660, -59.0540

Conversions

Conversions Part 2

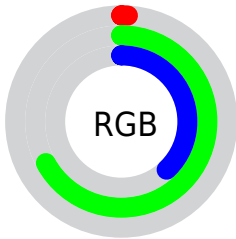
Format	Color
RYB	2, 111, 172
Decimal	175202
CIELab	62.00, -54.58, 27.79
CIELCh	62, 61.250, 153.017
Yxy	30.3998, 0.2657, 0.4757
Android (android.graphics.Color)	4278365282 (0xFF02AC62)
YUV	112.7340, -7.2639, -97.1137
Hunter-Lab	55.1360, -41.5091, 20.8220

Details

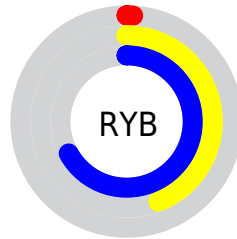
The Hex color **02AC62** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC024C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5DE596**, and **007632** is the 20% darker color. If you saturate the color by 10%, you get **00AC61**, and if you desaturate by 10%, it is **13AC69**.

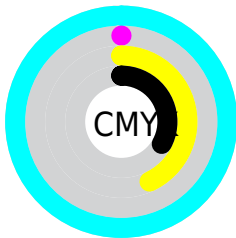
Distribution



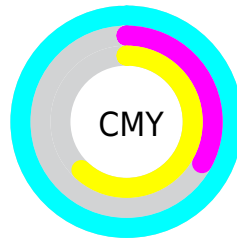
- Red (1%)
- Green (67%)
- Blue (38%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02AC62 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 02AC62 by changing the saturation by 10% instead.



02AC62



02AC62

FFFFFF



00914A



5DE596



007632



7BFFB0



005C1B



99FFCC



004303



B7FFE8



002D00



D5FFFF



000D00



F4FFFF



000000



02AC62



02AC62



00AC61



13AC69

 24AC71

 36AC78

 47AC80

 58AC87

 69AC8F

 7AAC96

 8CAC9E

 9DACA5

Harmonies

Analogous

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



75A432



02AC62



00B09A

Triad

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



02AC62



009AFF



F36B5E

Complementary

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



02AC62



AC024C

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.



F66193



02AC62



9E85F1

Square

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



02AC62



00A8F6



DC6EC8



D88132

Rectangle

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



02AC62



00AFBF



DC6EC8



F7666F

Sweetspot

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



02AC62



9DE0C3



4EAC02



48705F



F0F0F0



707070

Same Dimension

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



02AC62



00E07F



02A4AC



4E5753



009655



00170D

Inverse Universe

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



AC024C



E00062



AC0B02



574E52



960041



17000A

Previews

White Background



This preview shows how the Hex color 02AC62 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 02AC62 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

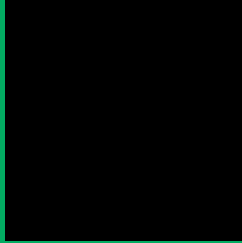
Any Text WCAG AA ✓ Pass

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 02AC62 Background



This preview shows how black text looks on a background with the Hex color 02AC62.



This preview shows how white text looks on a background with the Hex color 02AC62.

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](#).

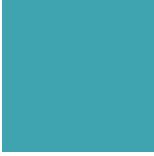
Dichromacy



Original Color
02AC62

Protanopia
A39559

Deuteranopia
B18E69



Tritanopia
40A3B0

Trichromacy



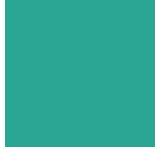
Original Color
02AC62



Protanomaly
689D5C



Deuteranomaly
719966



Tritanomaly
29A694

Monochromacy



Original Color
02AC62



Achromatopsia
717171



Achromatomaly
49866C

CSS Examples

Text

The CSS property to change the color of the text to Hex 02AC62 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 #02AC62 looks like.

```
.text, #text, p{  
    color:#02AC62  
}
```

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 #02AC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02AC62
}
```

Border

The CSS property to change the border of an element to Hex 02AC62 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
#02AC62 }
```

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

```
.border{ border-color:#02AC62 }
```

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

Here you see how a box with a 4 pixel #02AC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02AC62; -webkit-box-shadow:4px 4px  
4px 4px #02AC62; box-shadow:4px 4px 4px  
4px #02AC62 }
```

Background

The CSS property to change the background color of an element to Hex 02AC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02AC62 }
```

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

```
.background{ background-color:#02AC62 }
```

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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