

Converting Colors

Hex(00A75B)

Have a look what the booklet for
Hex(00A75B) contains.

Hex(00A75B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A75B)

Conversions

Conversions Part 1

Format	Color
Hex	00A75B
RGB	0, 167, 91
RGB Percent	0%, 65%, 36%
CMY	1.0000, 0.3451, 0.6431
CMYK	1.00, 0.00, 0.46, 0.35
HSL	153°, 100%, 33%
HSV	153°, 100%, 65%
XYZ	15.7070, 28.3928, 14.5500
YIQ	108.4030, -75.1360, -59.0400

Conversions

Conversions Part 2

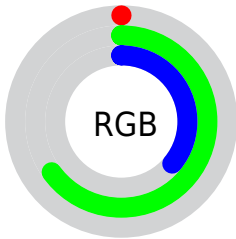
Format	Color
RYB	0, 108, 167
Decimal	42843
CIELab	60.24, -54.25, 29.20
CIELCh	60, 61.607, 151.706
Yxy	28.3928, 0.2678, 0.4841
Android (android.graphics.Color)	4278232923 (0xFF00A75B)
YUV	108.4030, -8.5797, -95.0694
Hunter-Lab	53.2849, -40.6312, 21.1096

Details

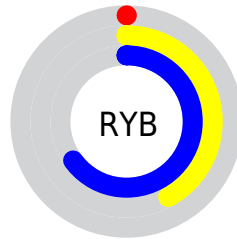
The Hex color **00A75B** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A7004C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5BDF8E**, and **00712B** is the 20% darker color. If you saturate the color by 10%, you get **00A75B**, and if you desaturate by 10%, it is **11A763**.

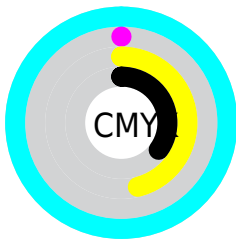
Distribution



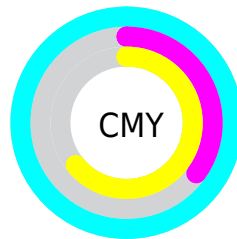
- Red (0%)
- Green (65%)
- Blue (36%)



- Red (0%)
- Yellow (42%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A75B 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 00A75B by changing the saturation by 10% instead.

 00A75B

 00A75B


FFFFFF

 008C43

 5BDF8E

 00712B

 79FCA9

 005814

 97FFC4

 003F00

 B5FFE1

 002900


 D3FFFD

 000200

 F1FFFF

 000000

 00A75B

 11A763

 21A76A

 32A772

 43A779

 53A781

 64A789

 75A790

 86A798

 96A79F

Harmonies

Analogous

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



739E2B



00A75B



00AB93

Triad

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



00A75B



0097FE



EF655B

Complementary

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



00A75B



A7004C

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.



F15C90



00A75B



9581EE

Square

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



00A75B



00A4F0



D569C6



D47B2E

Rectangle

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



00A75B



00ABB8



D569C6



F3606C

Sweetspot

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



00A75B



98D9BB



4EA700



466E5C



EDEDED



6E6E6E

Same Dimension

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



00A75B



00D976



00A1A7



4C5450



009451



00140B

Inverse Universe

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



A7004C



D90063



A70600



544C50



940043



140009

Previews

White Background



This preview shows how the Hex color 00A75B looks on a white background.

Color Contrast Check

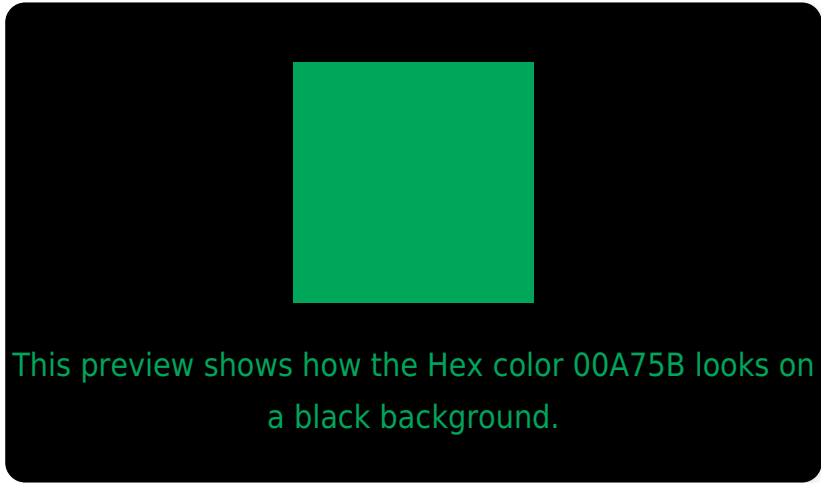
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A75B Background



This preview shows how black text looks on a background with the Hex color 00A75B.



This preview shows how white text looks on a background with the Hex color 00A75B.

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](#).

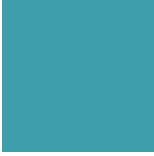
Dichromacy



Original Color
00A75B

Protanopia
9E9053

Deuteranopia
AD8A62



Tritanopia
3F9EAB

Trichromacy



Original Color
00A75B



Protanomaly
659856



Deuteranomaly
6E955F



Tritanomaly
28A18E

Monochromacy



Original Color
00A75B



Achromatopsia
6C6C6C



Achromatomaly
458166

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A75B 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 #00A75B looks like.

```
.text, #text, p{  
    color:#00A75B  
}
```

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 #00A75B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A75B
}
```

Border

The CSS property to change the border of an element to Hex 00A75B 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
#00A75B }
```

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

```
.border{ border-color:#00A75B }
```

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

Here you see how a box with a 4 pixel #00A75B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A75B; -webkit-box-shadow:4px 4px  
4px 4px #00A75B; box-shadow:4px 4px 4px  
4px #00A75B }
```

Background

The CSS property to change the background color of an element to Hex 00A75B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A75B }
```

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

```
.background{ background-color:#00A75B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor