

Converting Colors

Hex(00A958)

Have a look what the booklet for
Hex(00A958) contains.

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Color

Hex(00A958)

Conversions

Conversions Part 1

Format	Color
Hex	00A958
RGB	0, 169, 88
RGB Percent	0%, 66%, 35%
CMY	1.0000, 0.3373, 0.6549
CMYK	1.00, 0.00, 0.48, 0.34
HSL	151°, 100%, 33%
HSV	151°, 100%, 66%
XYZ	15.9494, 29.0805, 14.0050
YIQ	109.2350, -74.7230, -61.0190

Conversions

Conversions Part 2

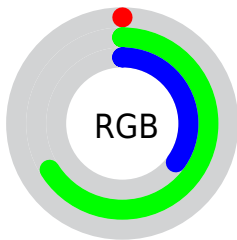
Format	Color
RYB	0, 111, 169
Decimal	43352
CIELab	60.85, -55.48, 31.55
CIELCh	61, 63.818, 150.374
Yxy	29.0805, 0.2702, 0.4926
Android (android.graphics.Color)	4278233432 (0xFF00A958)
YUV	109.2350, -10.4689, -95.7991
Hunter-Lab	53.9264, -41.5774, 22.3505

Details

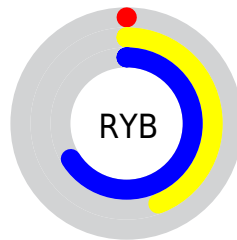
The Hex color **00A958** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A90051**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5BE18B**, and **007328** is the 20% darker color. If you saturate the color by 10%, you get **00A958**, and if you desaturate by 10%, it is **11A960**.

Distribution



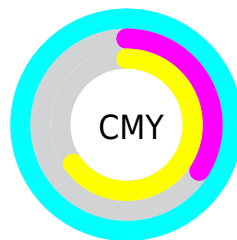
- Red (0%)
- Green (66%)
- Blue (35%)



- Red (0%)
- Yellow (44%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A958 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 00A958 by changing the saturation by 10% instead.

 00A958

 00A958

FFFFFF

 008E40

 5BE18B

 007328

 7AFFA6

 005A10

 98FFC1

 004100

 B6FFDD

 002A00


 D4FFFA

 000600

 F2FFFF

 000000

 00A958

 11A960

 22A968

 33A970

 44A978

 54A980

 65A989

 76A991

 87A999

 98A9A1

Harmonies

Analogous

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



76A025



00A958



00AD92

Triad

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



00A958



0099FF



F4645D

Complementary

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



00A958



A90051

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.



F55B94



00A958



9283F5

Square

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



00A958



00A7F4



D76ACB



DA7A2D

Rectangle

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



00A958



00ADB8



D76ACB



F85E6F

Sweetspot

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



00A958



9ADBBC



52A900



466E5B



EDEDED



6E6E6E

Same Dimension

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



00A958



00DB72



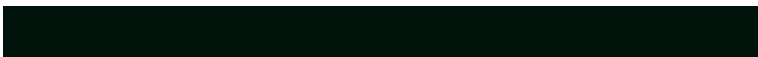
00A6A9



4C5450



00944D



00140B

Inverse Universe

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



A90051



DB0069



A90300



544C50



940047



14000A

Previews

White Background



This preview shows how the Hex color 00A958 looks on a white background.

Color Contrast Check

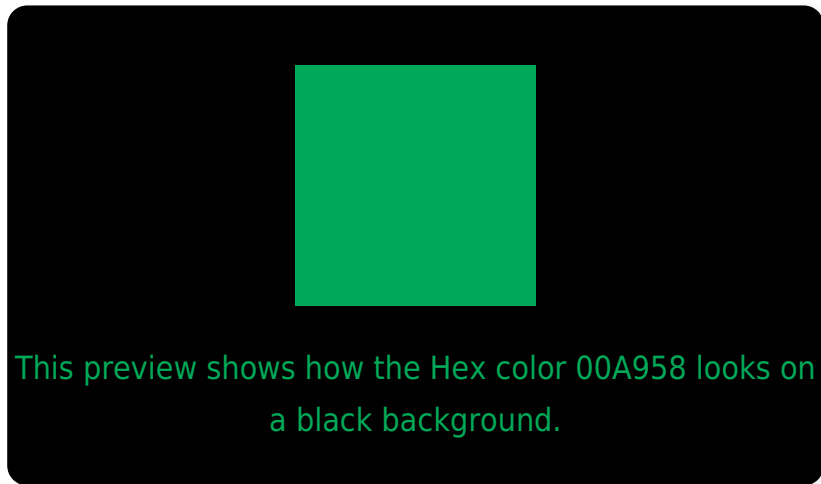
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A958 Background



This preview shows how black text looks on a background with the Hex color 00A958.

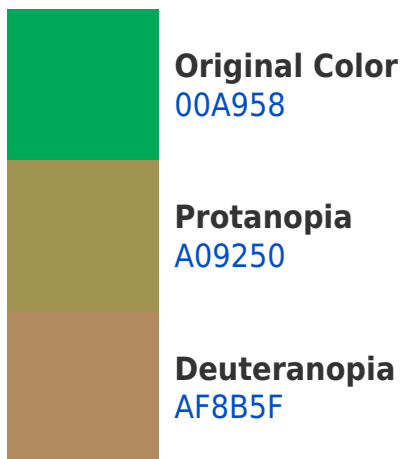


This preview shows how white text looks on a background with the Hex color 00A958.

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
40A0AD

Trichromacy



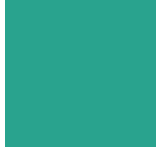
Original Color
00A958



Protanomaly
669A53



Deuteranomaly
6F965C



Tritanomaly
29A38E

Monochromacy



Original Color
00A958



Achromatopsia
6D6D6D



Achromatomaly
458365

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A958 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 #00A958 looks like.

```
.text, #text, p{  
    color:#00A958  
}
```

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 #00A958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A958
}
```

Border

The CSS property to change the border of an element to Hex 00A958 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
#00A958 }
```

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

```
.border{ border-color:#00A958 }
```

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

Here you see how a box with a 4 pixel #00A958 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A958; -webkit-box-shadow:4px 4px  
4px 4px #00A958; box-shadow:4px 4px 4px  
4px #00A958 }
```

Background

The CSS property to change the background color of an element to Hex 00A958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A958 }
```

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

```
.background{ background-color:#00A958 }
```

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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