

Converting Colors

Hex(2AAA68)

Have a look what the booklet for
Hex(2AAA68) contains.

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Color

Hex(2AAA68)

Conversions

Conversions Part 1

Format	Color
Hex	2AAA68
RGB	42, 170, 104
RGB Percent	16%, 67%, 41%
CMY	0.8353, 0.3333, 0.5922
CMYK	0.75, 0.00, 0.39, 0.33
HSL	149°, 60%, 42%
HSV	149°, 75%, 67%
XYZ	17.8283, 30.2412, 17.9942
YIQ	124.2040, -55.1020, -47.6620

Conversions

Conversions Part 2

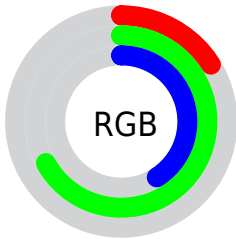
Format	Color
RYB	42, 128, 170
Decimal	2796136
CIELab	61.86, -49.40, 24.49
CIElCh	62, 55.133, 153.628
Yxy	30.2412, 0.2699, 0.4578
Android (android.graphics.Color)	4280986216 (0xFF2AAA68)
YUV	124.2040, -9.9606, -72.0929
Hunter-Lab	54.9920, -38.3667, 19.0938

Details

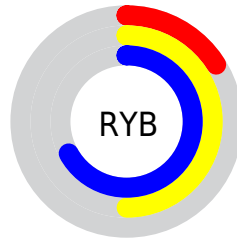
The Hex color **2AAA68** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AA2A6C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6BE29C**, and **007538** is the 20% darker color. If you saturate the color by 10%, you get **19AA5F**, and if you desaturate by 10%, it is **3BAA71**.

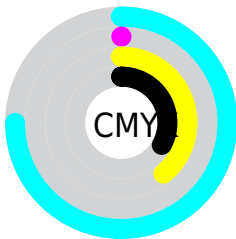
Distribution



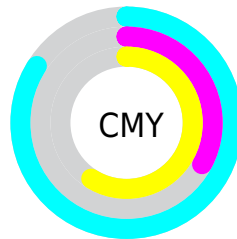
- Red (16%)
- Green (67%)
- Blue (41%)



- Red (16%)
- Yellow (50%)
- Blue (67%)



- Cyan (75%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)



- Cyan (84%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAA68 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 2AAA68 by changing the saturation by 10% instead.



2AAA68



2AAA68

FFFFFF



008F4F



6BE29C



007538



88FFB7



005B21



A5FFD3



00420B



C3FFE7



002C00



E0FFFF



000D00

FEFFFF



000000



2AAA68



2AAA68



19AA5F



3BAA71

■ 08AA56

■ 4CAA7A

■ 00AA52

■ 5DAA82

■ 6EAA8B

■ 7FAA94

■ 90AA9D

■ A1AAA5

■ B2AAAE

■ C3AAB7

Harmonies

Analogous

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



78A23F



2AAA68



00AD9A

Triad

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



2AAA68



3599F7



EB7162

Complementary

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



2AAA68



AA2A6C

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.



EE6991



2AAA68



9F86E7

Square

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



2AAA68



00A6EC



D672C2



D2833D

Rectangle

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



2AAA68



00ADBB



D672C2



EE6C71

Sweetspot

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



2AAA68



ABDEC4



6CAA2A



517060



F0F0F0



707070

Same Dimension

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



2AAA68



16DE77



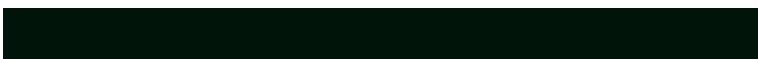
2AAAA8



4C5450



009448



00140A

Inverse Universe

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



AA2A6C



DE167D



AA2A2C



544C50



94004C



14000B

Previews

White Background



This preview shows how the Hex color 2AAA68 looks on a white background.

Color Contrast Check

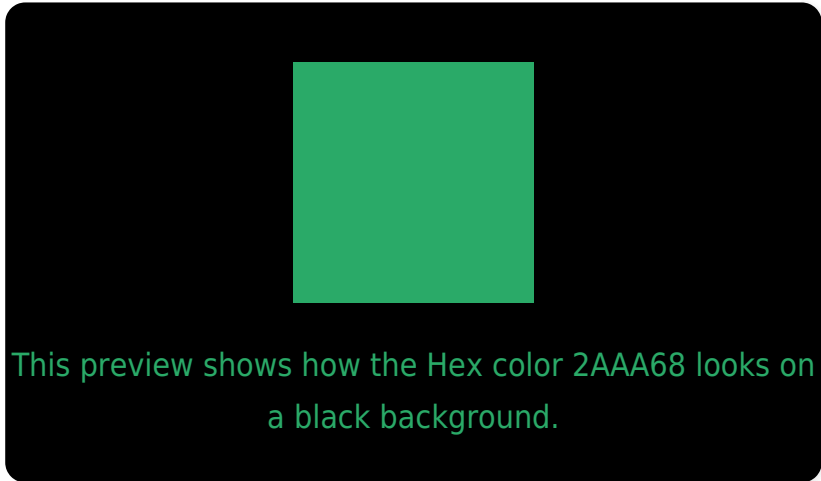
Large Text (above 18pt) WCAG AA × Fail

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 2AAA68 Background



This preview shows how black text looks on a background with the Hex color 2AAA68.

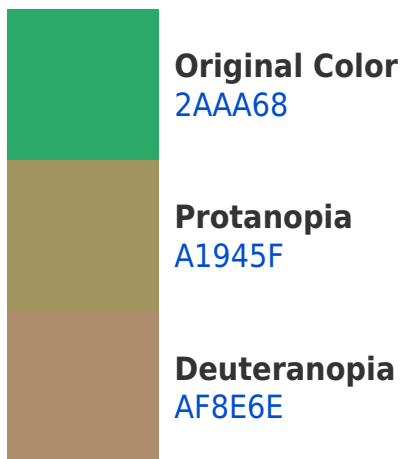


This preview shows how white text looks on a background with the Hex color 2AAA68.

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](#).

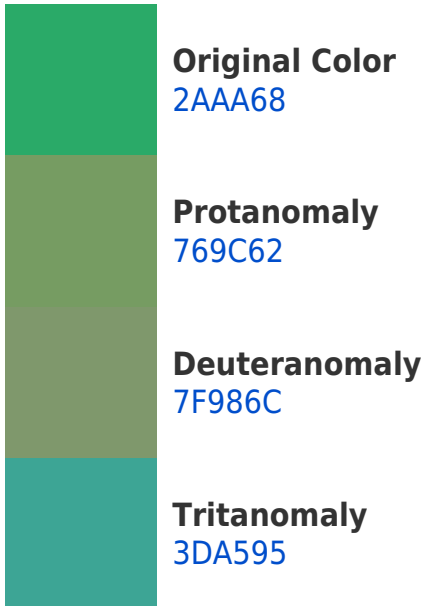
Dichromacy



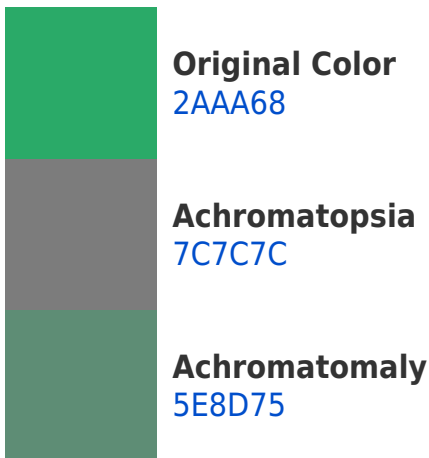


Tritanopia
48A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAA68 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 #2AAA68 looks like.

```
.text, #text, p{  
    color:#2AAA68  
}
```

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 #2AAA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAA68  
}
```

Border

The CSS property to change the border of an element to Hex 2AAA68 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  
#2AAA68 }
```

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

```
.border{ border-color:#2AAA68 }
```

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

Here you see how a box with a 4 pixel #2AAA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAA68; -webkit-box-shadow:4px 4px  
4px 4px #2AAA68; box-shadow:4px 4px 4px  
4px #2AAA68 }
```

Background

The CSS property to change the background color of an element to Hex 2AAA68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAA68 }
```

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

```
.background{ background-color:#2AAA68 }
```

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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