

Converting Colors

Hex(2AA64C)

Have a look what the booklet for
Hex(2AA64C) contains.

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Color

Hex(2AA64C)

Conversions

Conversions Part 1

Format	Color
Hex	2AA64C
RGB	42, 166, 76
RGB Percent	16%, 65%, 30%
CMY	0.8353, 0.3490, 0.7020
CMYK	0.75, 0.00, 0.54, 0.35
HSL	136°, 60%, 41%
HSV	136°, 75%, 65%
XYZ	15.8956, 28.2865, 11.4595
YIQ	118.6640, -45.0140, -54.2780

Conversions

Conversions Part 2

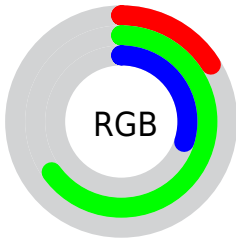
Format	Color
R_{YB}	42, 139, 166
Decimal	2795084
CIE _{Lab}	60.15, -52.74, 36.86
CIE _{LCh}	60, 64.347, 145.052
Yxy	28.2865, 0.2857, 0.5084
Android (android.graphics.Color)	4280985164 (0xFF2AA64C)
YUV	118.6640, -21.0334, -67.2343
Hunter-Lab	53.1850, -39.7250, 24.4546

Details

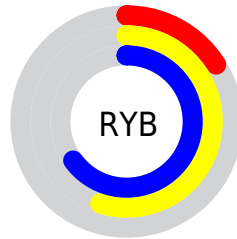
The Hex color **2AA64C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A62A84**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6ADE7F**, and **00711B** is the 20% darker color. If you saturate the color by 10%, you get **19A640**, and if you desaturate by 10%, it is **3BA658**.

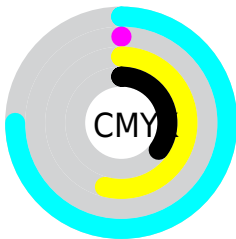
Distribution



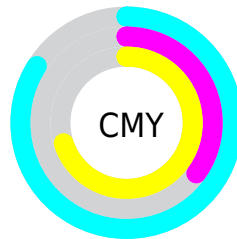
- Red (16%)
- Green (65%)
- Blue (30%)



- Red (16%)
- Yellow (55%)
- Blue (65%)



- Cyan (75%)
- Magenta (0%)
- Yellow (54%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AA64C 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 2AA64C by changing the saturation by 10% instead.

 2AA64C

 2AA64C

FFFFFF

 008B33

 6ADE7F

 00711B

 88FB9A

 005700

 A5FFB5

 003E00

 C2FFD1

 002800

 E0FFED

 000100

FEFFFF

 000000

 2AA64C

 2AA64C

 19A640

 3BA658

09A634

4BA664

00A62E

5CA670

6CA67C

7DA688

8EA694

9EA6A0

AFA6AC

BFA6B8

Harmonies

Analogous

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



7F9C19



2AA64C



00AB85

Triad

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



2AA64C



009AFF



F55E64

Complementary

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



2AA64C



A62A84

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.



F1599D



2AA64C



7E86F8

Square

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



2AA64C



00A6ED



CC6CD3



DE7433

Rectangle

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



2AA64C



00ACAD



CC6CD3



F75977

Sweetspot

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



2AA64C



A9D9B6



85A62A



516E59



EDEDED



6E6E6E

Same Dimension

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



2AA64C



16D94B



2AA689



4C544E



009429



001406

Inverse Universe

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



A62A84



D916A3



A62A47



544C52



94006B



14000F

Previews

White Background



This preview shows how the Hex color 2AA64C looks on a white background.

Color Contrast Check

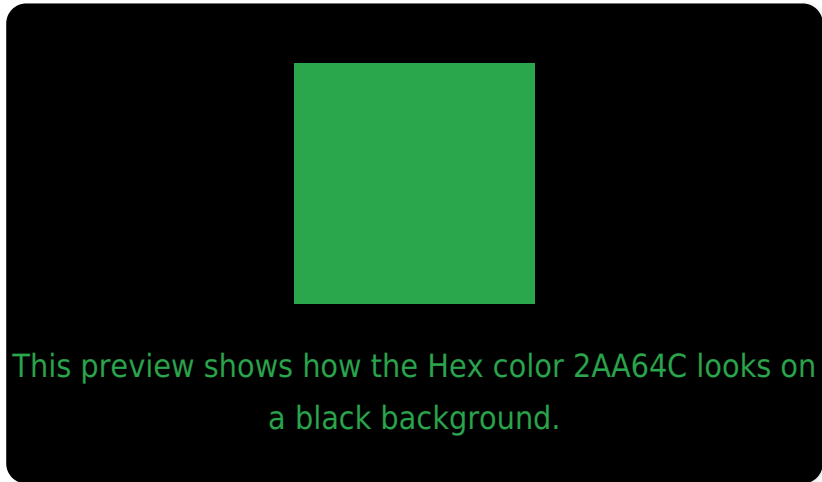
Large Text (above 18pt) WCAG AA ✓ Pass

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 2AA64C Background



This preview shows how black text looks on a background with the Hex color 2AA64C.

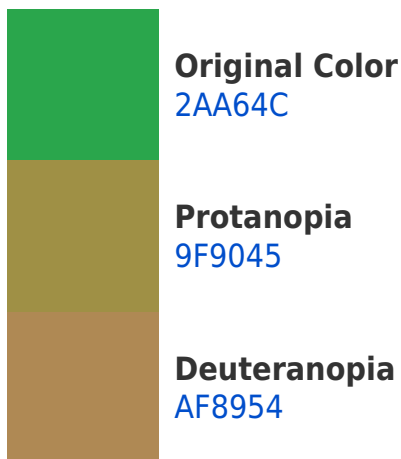


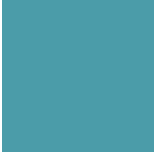
This preview shows how white text looks on a background with the Hex color 2AA64C.

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
4B9CA9

Trichromacy



Original Color
2AA64C



Protanomaly
749848



Deuteranomaly
7F9451



Tritanomaly
3FA087

Monochromacy



Original Color
2AA64C



Achromatopsia
777777



Achromatomaly
5B8867

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AA64C 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 #2AA64C looks like.

```
.text, #text, p{  
    color:#2AA64C  
}
```

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 #2AA64C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AA64C
}
```

Border

The CSS property to change the border of an element to Hex 2AA64C 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
#2AA64C }
```

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

```
.border{ border-color:#2AA64C }
```

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

Here you see how a box with a 4 pixel #2AA64C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AA64C; -webkit-box-shadow:4px 4px  
4px 4px #2AA64C; box-shadow:4px 4px 4px  
4px #2AA64C }
```

Background

The CSS property to change the background color of an element to Hex 2AA64C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AA64C }
```

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

```
.background{ background-color:#2AA64C }
```

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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