

Converting Colors

Hex(2AAF5A)

Have a look what the booklet for
Hex(2AAF5A) contains.

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Color

Hex(2AAF5A)

Conversions

Conversions Part 1

Format	Color
Hex	2AAF5A
RGB	42, 175, 90
RGB Percent	16%, 69%, 35%
CMY	0.8353, 0.3137, 0.6471
CMYK	0.76, 0.00, 0.49, 0.31
HSL	142°, 61%, 43%
HSV	142°, 76%, 69%
XYZ	18.1303, 31.8904, 14.8728
YIQ	125.5430, -51.9830, -54.6310

Conversions

Conversions Part 2

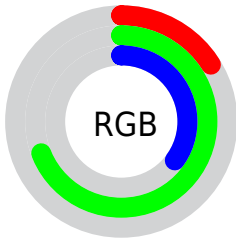
Format	Color
RYB	42, 140, 175
Decimal	2797402
CIELab	63.25, -53.78, 33.64
CIElCh	63, 63.436, 147.973
Yxy	31.8904, 0.2794, 0.4914
Android (android.graphics.Color)	4280987482 (0xFF2AAF5A)
YUV	125.5430, -17.5227, -73.2672
Hunter-Lab	56.4716, -41.5175, 23.9151

Details

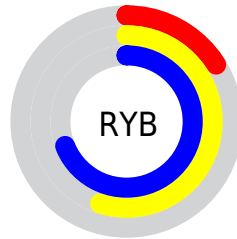
The Hex color **2AAF5A** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AF2A7F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6CE88D**, and **007929** is the 20% darker color. If you saturate the color by 10%, you get **19AF4F**, and if you desaturate by 10%, it is **3BAF65**.

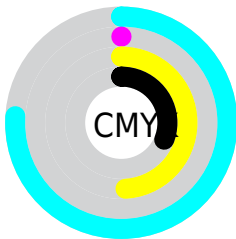
Distribution



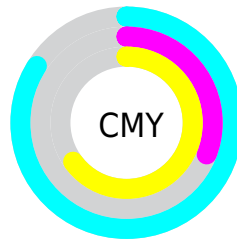
- Red (16%)
- Green (69%)
- Blue (35%)



- Red (16%)
- Yellow (55%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAF5A 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 2AAF5A by changing the saturation by 10% instead.

 2AAF5A

 2AAF5A

FFFFFF

 009441

 6CE88D

 007929

 8AFFA8

 005F11

 A7FFC4

 004600

 C5FFE0

 003000

 E2FFFD

 001400

 000000

 2AAF5A

 2AAF5A

 19AF4F

 3BAF65

07AF44

4DAF70

00AF3F

5FAF7C

70AF87

82AF92

93AF9D

A4AFA8

B6AFB3

C8AFBF

Harmonies

Analogous

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



82A52A



2AAF5A



00B393

Triad

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



2AAF5A



00A1FF



FC6968

Complementary

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



2AAF5A



AF2A7F

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.



FB639F



2AAF5A



928CFD

Square

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



2AAF5A



00AEF8



DA73D6



E47F38

Rectangle

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



2AAF5A



00B4BA



DA73D6



FF657A

Sweetspot

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



2AAF5A



AFE3C2



80AF2A



53735E



F2F2F2



737373

Same Dimension

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



2AAF5A



14E35F



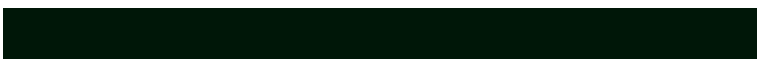
2AAF9B



4E5751



009636



001708

Inverse Universe

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



AF2A7F



E31498



AF2A3E



574E54



960060



17000F

Previews

White Background



This preview shows how the Hex color 2AAF5A looks on a white background.

Color Contrast Check

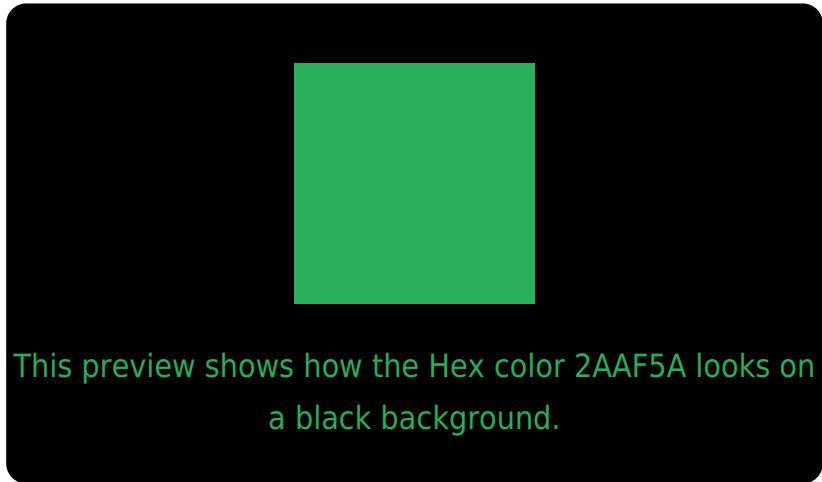
Large Text (above 18pt) WCAG AA × Fail

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

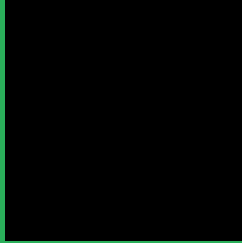
Any Text WCAG AA ✓ Pass

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 2AAF5A Background



This preview shows how black text looks on a background with the Hex color 2AAF5A.



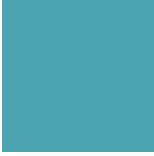
This preview shows how white text looks on a background with the Hex color 2AAF5A.

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](#).

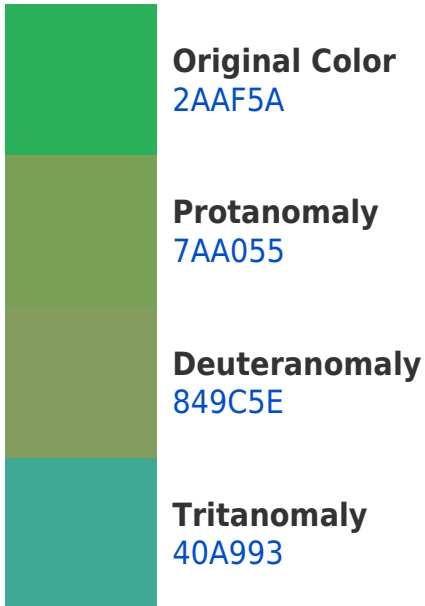
Dichromacy





Tritanopia
4DA5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAF5A 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 #2AAF5A looks like.

```
.text, #text, p{  
    color:#2AAF5A  
}
```

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 #2AAF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAF5A
}
```

Border

The CSS property to change the border of an element to Hex 2AAF5A 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
#2AAF5A }
```

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

```
.border{ border-color:#2AAF5A }
```

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

Here you see how a box with a 4 pixel #2AAF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAF5A; -webkit-box-shadow:4px 4px  
4px 4px #2AAF5A; box-shadow:4px 4px 4px  
4px #2AAF5A }
```

Background

The CSS property to change the background color of an element to Hex 2AAF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAF5A }
```

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

```
.background{ background-color:#2AAF5A }
```

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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