

Converting Colors

Hex(4AAA5A)

Have a look what the booklet for
Hex(4AAA5A) contains.

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Color

Hex(4AAA5A)

Conversions

Conversions Part 1

Format	Color
Hex	4AAA5A
RGB	74, 170, 90
RGB Percent	29%, 67%, 35%
CMY	0.7098, 0.3333, 0.6471
CMYK	0.56, 0.00, 0.47, 0.33
HSL	130°, 39%, 48%
HSV	130°, 56%, 67%
XYZ	19.0442, 30.9435, 14.6418
YIQ	132.1760, -31.5360, -45.2320

Conversions

Conversions Part 2

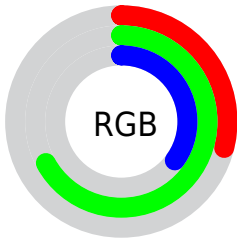
Format	Color
RYB	74, 156, 170
Decimal	4893274
CIELab	62.46, -45.61, 32.81
CIELCh	62, 56.185, 144.269
Yxy	30.9435, 0.2947, 0.4788
Android (android.graphics.Color)	4283083354 (0xFF4AAA5A)
YUV	132.1760, -20.7928, -51.0204
Hunter-Lab	55.6269, -36.2364, 23.3328

Details

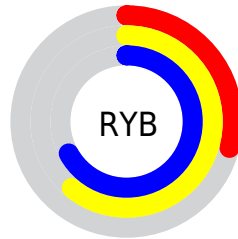
The Hex color **4AAA5A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA4A9A**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **82E28D**, and **00752A** is the 20% darker color. If you saturate the color by 10%, you get **39AA4C**, and if you desaturate by 10%, it is **5BAA68**.

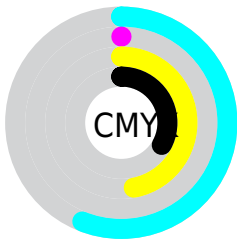
Distribution



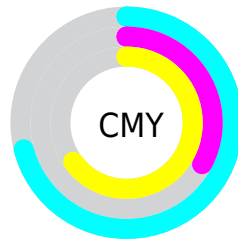
- Red (29%)
- Green (67%)
- Blue (35%)



- Red (29%)
- Yellow (61%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (47%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AAA5A 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 4AAA5A by changing the saturation by 10% instead.

 4AAA5A

 4AAA5A

FFFFFF

 2B8F42

 82E28D

 00752A

 9FFFA8

 005B11

 BBFFC4

 004300

 D8FFE0

 002D00

 F6FFFD

 001000

 000000

 4AAA5A

 4AAA5A

 39AA4C

 5BAA68

 28AA3E

 6CAA76

 17AA2F

 7DAA84

 06AA21

 8EAA93

 00AA1C

 9FAAA1

 B0AAAF

 C1AABD

 D2AACB

 E3AAD9

Harmonies

Analogous

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



8AA035



4AAA5A



00AF8B

Triad

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



4AAA5A



009FFA



F16D71

Complementary

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



4AAA5A



AA4A9A

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.



EC6AA3



4AAA5A



888EF2

Square

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



4AAA5A



00AAE7



CB79D2



DE7E47

Rectangle

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



4AAA5A



00AFAE



CB79D2



F36A81

Sweetspot

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



4AAA5A



B8DEBE



9AAA4A



5A705E



F0F0F0



707070

Same Dimension

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



4AAA5A



47DE60



4AAA8A



4C544D



009419



001403

Inverse Universe

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



AA4A9A



DE47C5



AA4A6A



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color 4AAA5A looks on a white background.

Color Contrast Check

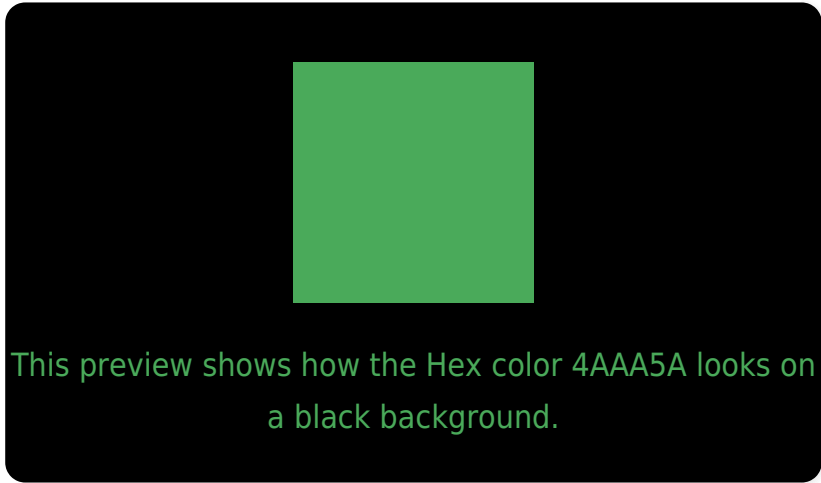
Large Text (above 18pt) WCAG AA × Fail

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

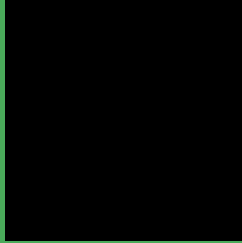
Any Text WCAG AA ✓ Pass

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 4AAA5A Background



This preview shows how black text looks on a background with the Hex color 4AAA5A.

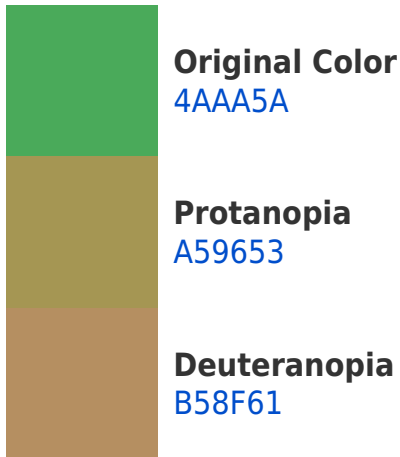


This preview shows how white text looks on a background with the Hex color 4AAA5A.

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



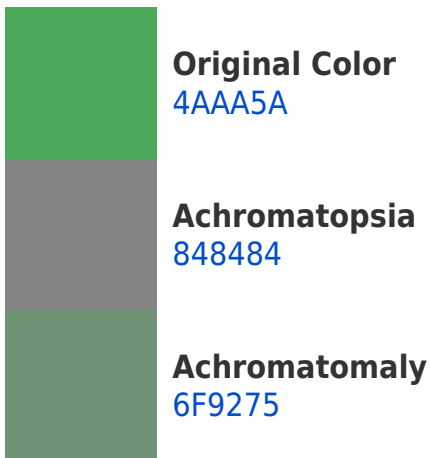


Tritanopia
5FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AAA5A 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 #4AAA5A looks like.

```
.text, #text, p{  
    color:#4AAA5A  
}
```

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 #4AAA5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAA5A
}
```

Border

The CSS property to change the border of an element to Hex 4AAA5A 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
#4AAA5A }
```

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

```
.border{ border-color:#4AAA5A }
```

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

Here you see how a box with a 4 pixel #4AAA5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAA5A; -webkit-box-shadow:4px 4px  
4px 4px #4AAA5A; box-shadow:4px 4px 4px  
4px #4AAA5A }
```

Background

The CSS property to change the background color of an element to Hex 4AAA5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAA5A }
```

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

```
.background{ background-color:#4AAA5A }
```

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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