

Converting Colors

Hex(4AA60A)

Have a look what the booklet for
Hex(4AA60A) contains.

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Color

Hex(4AA60A)

Conversions

Conversions Part 1

Format	Color
Hex	4AA60A
RGB	74, 166, 10
RGB Percent	29%, 65%, 4%
CMY	0.7098, 0.3490, 0.9608
CMYK	0.55, 0.00, 0.94, 0.35
HSL	95°, 89%, 35%
HSV	95°, 94%, 65%
XYZ	16.5150, 28.7502, 4.9661
YIQ	120.7080, -4.7560, -68.0200

Conversions

Conversions Part 2

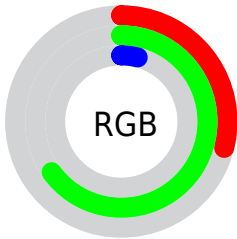
Format	Color
RYB	10, 166, 102
Decimal	4892170
CIELab	60.56, -50.99, 60.54
CIELCh	61, 79.157, 130.106
Yxy	28.7502, 0.3288, 0.5724
Android (android.graphics.Color)	4283082250 (0xFF4AA60A)
YUV	120.7080, -54.5790, -40.9629
Hunter-Lab	53.6192, -38.8545, 32.0422

Details

The Hex color **4AA60A** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **660AA6**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **85DE4D**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **44A600**, and if you desaturate by 10%, it is **54A61B**.

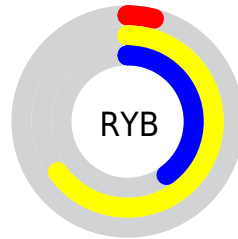
Distribution



Red (29%)

Green (65%)

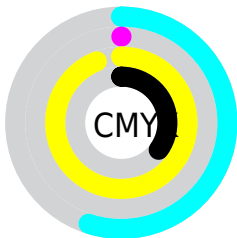
Blue (4%)



Red (4%)

Yellow (65%)

Blue (40%)

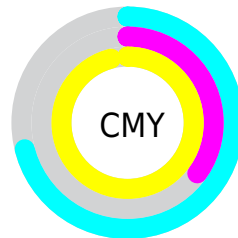


Cyan (55%)

Magenta (0%)

Yellow (94%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AA60A 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 4AA60A by changing the saturation by 10% instead.



4AA60A



4AA60A

FFFFFF



298B00



85DE4D



007100



A2FB68



005800



BFFF84



003F00



DCFFA0



002900



FAFFBC



000400



FFFFD9



000000



FFFFFF6



4AA60A



4AA60A

■ 44A600

■ 54A61B

■ 5EA62B

■ 67A63C

■ 71A64C

■ 7BA65D

■ 85A66E

■ 8FA67E

■ 98A68F

■ A2A69F

Harmonies

Analogous

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



9B9700



4AA60A



00AE5F

Triad

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



4AA60A



00A7FF



FF3E7E

Complementary

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



4AA60A



660AA6

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.



F54DC3



4AA60A



0093FF

Square

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



4AA60A



00AFEB



B073FE



FE5B3B

Rectangle

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



4AA60A



00B090



B073FE



FF3E95

Sweetspot

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



4AA60A



B5D99C



A6650A



586E48



EDEDED



6E6E6E

Same Dimension

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



4AA60A



59D900



0AA617



4F544C



3D9400



081400

Inverse Universe

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



660AA6



8000D9



A60A99



514C54



570094



0C0014

Previews

White Background



This preview shows how the Hex color 4AA60A looks on a white background.

Color Contrast Check

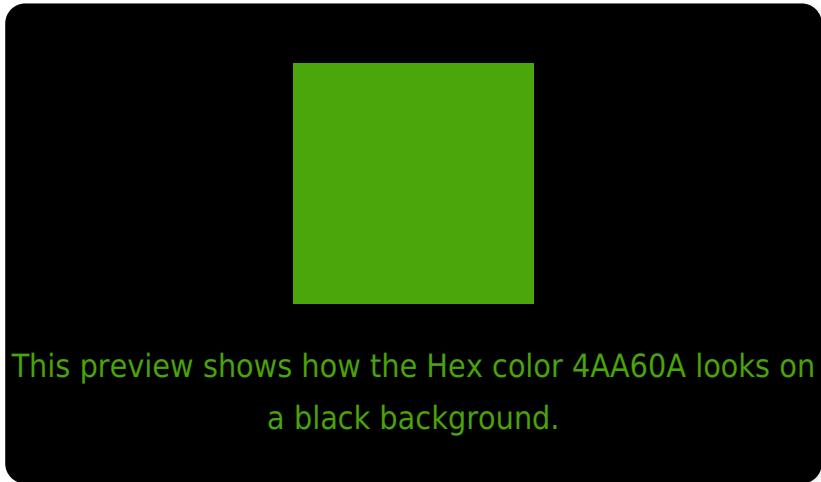
Large Text (above 18pt) WCAG AA ✓ Pass

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 4AA60A Background



This preview shows how black text looks on a background with the Hex color 4AA60A.



This preview shows how white text looks on a background with the Hex color 4AA60A.

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



Original Color
4AA60A

Protanopia
A49200

Deuteranopia
B78A23



Tritanopia
639AA7

Trichromacy



Original Color

4AA60A



Protanomaly

839904



Deuteranomaly

8F941A



Tritanomaly

5A9E6E

Monochromacy



Original Color

4AA60A



Achromatopsia

797979



Achromatomaly

688951

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AA60A 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 #4AA60A looks like.

```
.text, #text, p{  
    color:#4AA60A  
}
```

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 #4AA60A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA60A
}
```

Border

The CSS property to change the border of an element to Hex 4AA60A 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".

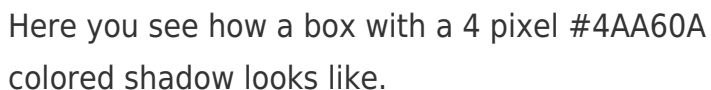
```
.border, #border, table{ border:4px solid
#4AA60A }
```

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

```
.border{ border-color:#4AA60A }
```

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

Here you see how a box with a 4 pixel #4AA60A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA60A; -webkit-box-shadow:4px 4px  
4px 4px #4AA60A; box-shadow:4px 4px 4px  
4px #4AA60A }
```

Background

The CSS property to change the background color of an element to Hex 4AA60A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA60A }
```

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

```
.background{ background-color:#4AA60A }
```

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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