

Converting Colors

Hex(4AAD00)

Have a look what the booklet for
Hex(4AAD00) contains.

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Color

Hex(4AAD00)

Conversions

Conversions Part 1

Format	Color
Hex	4AAD00
RGB	74, 173, 0
RGB Percent	29%, 68%, 0%
CMY	0.7098, 0.3216, 1.0000
CMYK	0.57, 0.00, 1.00, 0.32
HSL	94°, 100%, 34%
HSV	94°, 100%, 68%
XYZ	17.7676, 31.3430, 5.1134
YIQ	123.6770, -3.4710, -74.7910

Conversions

Conversions Part 2

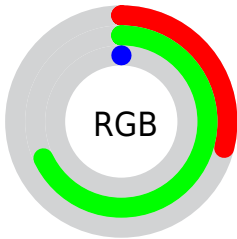
Format	Color
RYB	0, 173, 99
Decimal	4893952
CIELab	62.80, -53.75, 63.70
CIElCh	63, 83.344, 130.157
Yxy	31.3430, 0.3277, 0.5780
Android (android.graphics.Color)	4283084032 (0xFF4AAD00)
YUV	123.6770, -60.9728, -43.5667
Hunter-Lab	55.9848, -41.3238, 33.7741

Details

The Hex color **4AAD00** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6300AD**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **86E54B**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **4AAD00**, and if you desaturate by 10%, it is **54AD11**.

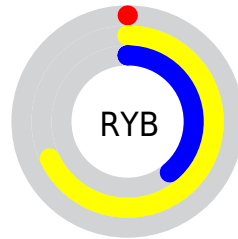
Distribution



Red (29%)

Green (68%)

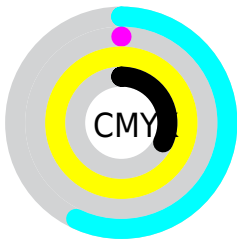
Blue (0%)



Red (0%)

Yellow (68%)

Blue (39%)

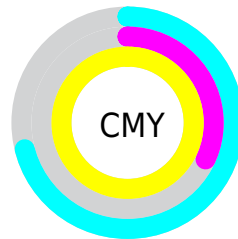


Cyan (57%)

Magenta (0%)

Yellow (100%)

Black (32%)



Cyan (71%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AAD00 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 4AAD00 by changing the saturation by 10% instead.

 4AAD00

 4AAD00

FFFFFF

 279200

 86E54B

 007700

 A3FF67

 005E00

 C1FF83

 004500

 DEFF9F

 002F00

 FCFFBB

 001100

 FFFFD8

 000000

 FFFFF5

 4AAD00

 54AD11

 5EAD23

 68AD34

 72AD45

 7CAD57

 85AD68

 8FAD79

 99AD8A

 A3AD9C

Harmonies

Analogous

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



A09D00



4AAD00



00B562

Triad

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



4AAD00



00AEFF



FF3C82

Complementary

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



4AAD00



6300AD

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.



FF4DCC



4AAD00



0099FF

Square

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



4AAD00



00B7F6



B877FF



FF5C3B

Rectangle

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



4AAD00



00B896



B877FF



FF3C9B

Sweetspot

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



4AAD00



BAE09D



AD6200



597048



F0F0F0



707070

Same Dimension

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



4AAD00



60E000



00AD0C



52574E



409600



0A1700

Inverse Universe

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



6300AD



8000E0



AD00A1



534E57



560096



0D0017

Previews

White Background



This preview shows how the Hex color 4AAD00 looks on a white background.

Color Contrast Check

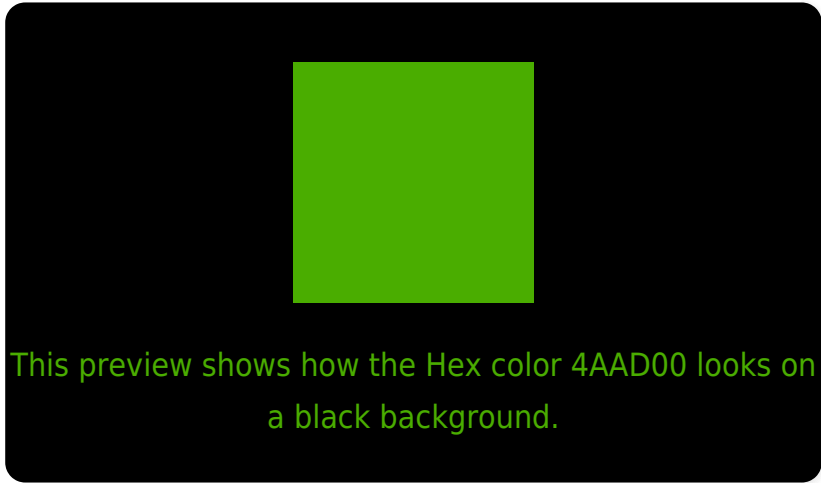
Large Text (above 18pt) WCAG AA × Fail

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 4AAD00 Background



This preview shows how black text looks on a background with the Hex color 4AAD00.

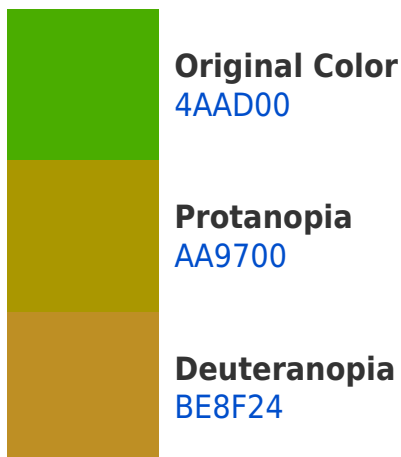


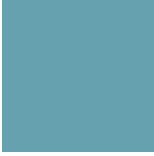
This preview shows how white text looks on a background with the Hex color 4AAD00.

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
65A1AE

Trichromacy



Original Color
4AAD00



Protanomaly
879F00



Deuteranomaly
949A17



Tritanomaly
5BA56F

Monochromacy



Original Color
4AAD00



Achromatopsia
7C7C7C



Achromatomaly
6A8E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AAD00 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 #4AAD00 looks like.

```
.text, #text, p{  
    color:#4AAD00  
}
```

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 #4AAD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAD00  
}
```

Border

The CSS property to change the border of an element to Hex 4AAD00 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  
#4AAD00 }
```

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

```
.border{ border-color:#4AAD00 }
```

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

Here you see how a box with a 4 pixel #4AAD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAD00; -webkit-box-shadow:4px 4px  
4px 4px #4AAD00; box-shadow:4px 4px 4px  
4px #4AAD00 }
```

Background

The CSS property to change the background color of an element to Hex 4AAD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAD00 }
```

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

```
.background{ background-color:#4AAD00 }
```

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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