

Converting Colors

Hex(4AAB2B)

Have a look what the booklet for
Hex(4AAB2B) contains.

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Color

Hex(4AAB2B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4AAB2B |
| RGB | 74, 171, 43 |
| RGB Percent | 29%, 67%, 17% |
| CMY | 0.7098, 0.3294, 0.8314 |
| CMYK | 0.57, 0.00, 0.75, 0.33 |
| HSL | 105°, 60%, 42% |
| HSV | 105°, 75%, 67% |
| XYZ | 17.8230, 30.7561, 7.2826 |
| YIQ | 127.4050, -16.7240, -60.3720 |

Conversions

Conversions Part 2

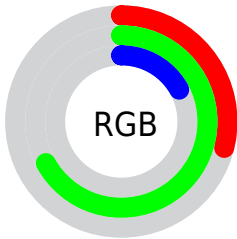
| Format | Color |
|-------------------------------------|--|
| RYB | 43, 171, 140 |
| Decimal | 4893483 |
| CIELab | 62.30, -51.32, 53.82 |
| CIELCh | 62, 74.363, 133.638 |
| Yxy | 30.7561, 0.3191, 0.5506 |
| Android (android.graphics.Color) | 4283083563 (0xFF4AAB2B) |
| YUV | 127.4050, -41.6117, -46.8362 |
| Hunter-Lab | 55.4582, -39.6860, 31.0349 |

Details

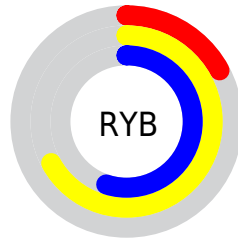
The Hex color **4AAB2B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8C2BAB**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **84E361**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **3DAB1A**, and if you desaturate by 10%, it is **57AB3C**.

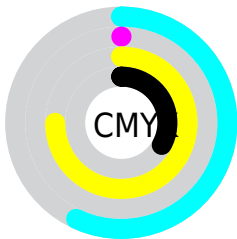
Distribution



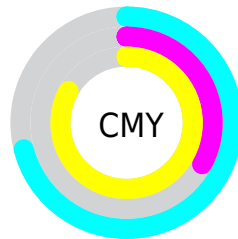
- Red (29%)
- Green (67%)
- Blue (17%)



- Red (17%)
- Yellow (67%)
- Blue (55%)



- Cyan (57%)
- Magenta (0%)
- Yellow (75%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AAB2B 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 4AAB2B by changing the saturation by 10% instead.



4AAB2B



4AAB2B

FFFFFF



299007



84E361



007600



A1FF7C



005C00



BEFF97



004300



DCFFB3



002E00



FAFFD0



000F00



FFFFED



000000



4AAB2B



4AAB2B



3DAB1A



57AB3C

 30AB09

 64AB4D

 29AB00

 71AB5E

 7EAB6F

 8BAB80

 98AB92

 A5ABA3

 B2ABB4

 BFABC5

Harmonies

Analogous

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



999D00



4AAB2B



00B26F

Triad

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



4AAB2B



00A8FF



FF4F7B

Complementary

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



4AAB2B



8C2BAB

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.



FA57BD



4AAB2B



2D94FF

Square

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



4AAB2B



00B2F1



BF76F7



FB683D

Rectangle

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



4AAB2B



00B49D



BF76F7



FF4E91

Sweetspot

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



4AAB2B



B9DEAD



AB8B2B



5A7053



F0F0F0



707070

Same Dimension

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



4AAB2B



47DE16



2BAB4B



50574E



249600



061700

Inverse Universe

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



8C2BAB



AD16DE



AB2B8B



554E57



720096



110017

Previews

White Background



This preview shows how the Hex color 4AAB2B looks on a white background.

Color Contrast Check

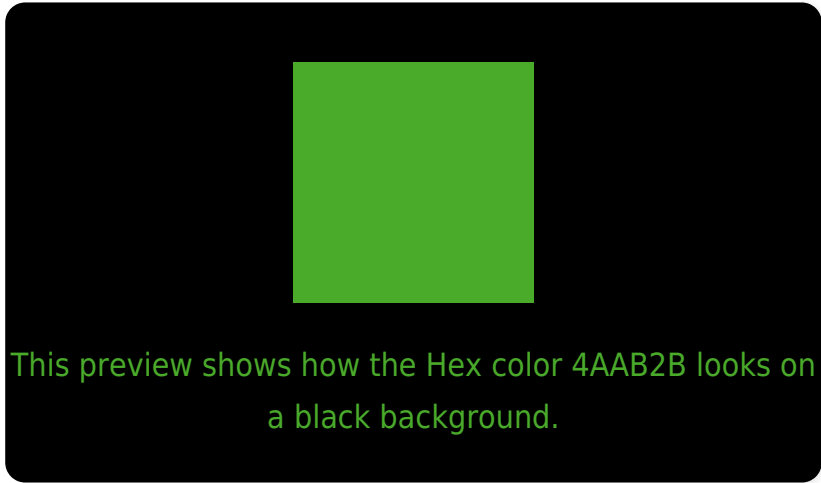
Large Text (above 18pt) WCAG AA × Fail

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 4AAB2B Background



This preview shows how black text looks on a background with the Hex color 4AAB2B.

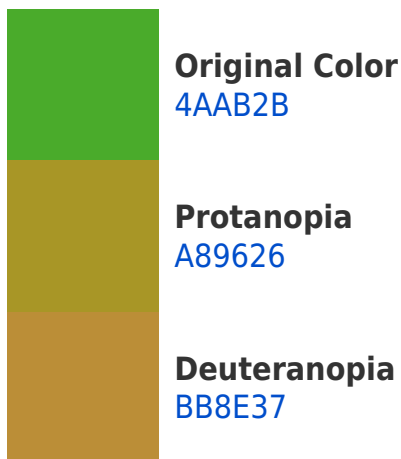


This preview shows how white text looks on a background with the Hex color 4AAB2B.

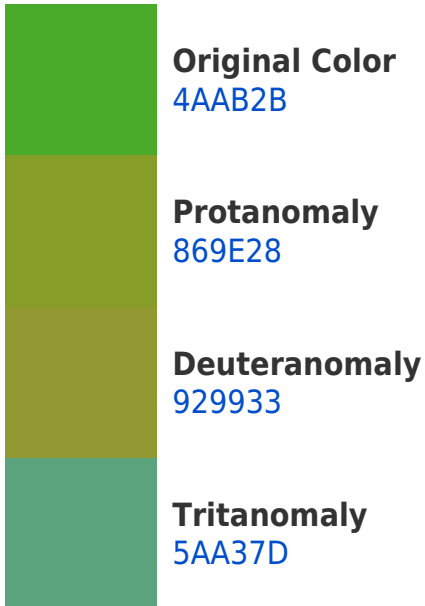
Color Blindness Simulation

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](#).

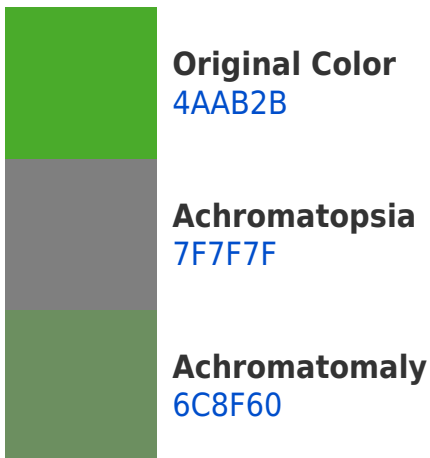
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AAB2B 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 #4AAB2B looks like.

```
.text, #text, p{  
    color:#4AAB2B  
}
```

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 #4AAB2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AAB2B  
}
```

Border

The CSS property to change the border of an element to Hex 4AAB2B 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  
#4AAB2B }
```

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

```
.border{ border-color:#4AAB2B }
```

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

Here you see how a box with a 4 pixel #4AAB2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AAB2B; -webkit-box-shadow:4px 4px  
4px 4px #4AAB2B; box-shadow:4px 4px 4px  
4px #4AAB2B }
```

Background

The CSS property to change the background color of an element to Hex 4AAB2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AAB2B }
```

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

```
.background{ background-color:#4AAB2B }
```

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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