

Converting Colors

Hex(4AB247)

Have a look what the booklet for
Hex(4AB247) contains.

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Color

Hex(4AB247)

Conversions

Conversions Part 1

Format	Color
Hex	4AB247
RGB	74, 178, 71
RGB Percent	29%, 70%, 28%
CMY	0.7098, 0.3020, 0.7216
CMYK	0.58, 0.00, 0.60, 0.30
HSL	118°, 43%, 49%
HSV	118°, 60%, 70%
XYZ	19.8818, 33.7516, 11.4281
YIQ	134.7060, -27.6370, -55.3250

Conversions

Conversions Part 2

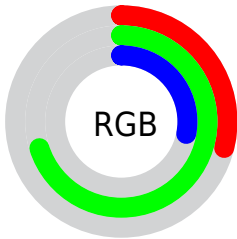
Format	Color
RYB	71, 178, 175
Decimal	4895303
CIELab	64.76, -51.32, 44.91
CIElCh	65, 68.192, 138.810
Yxy	33.7516, 0.3056, 0.5188
Android (android.graphics.Color)	4283085383 (0xFF4AB247)
YUV	134.7060, -31.4071, -53.2392
Hunter-Lab	58.0961, -40.5815, 29.0044

Details

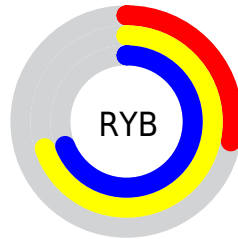
The Hex color **4AB247** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AF47B2**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **84EB7B**, and **007C11** is the 20% darker color. If you saturate the color by 10%, you get **39B235**, and if you desaturate by 10%, it is **5BB259**.

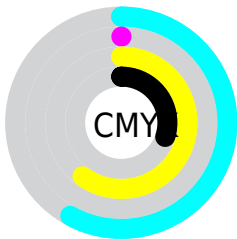
Distribution



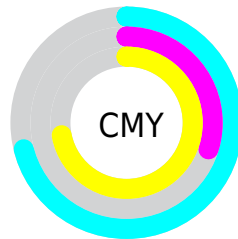
- Red (29%)
- Green (70%)
- Blue (28%)



- Red (28%)
- Yellow (70%)
- Blue (69%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AB247 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 4AB247 by changing the saturation by 10% instead.

 4AB247

 4AB247

FFFFFF

 29972D

 84EB7B

 007C11

 A1FF96

 006200

 BEFFB1

 004900

 DCFFCD

 003200

 F9FFEA

 001900

 000000

 4AB247

 4AB247

 39B235

 5BB259

 27B223

 6DB26B

 16B212

 7EB27C

 05B200

 8FB28E

 A1B2A0

 B2B2B2

 C3B2C4

 D4B2D5

 E6B2E7

Harmonies

Analogous

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



97A611



4AB247



00B883

Triad

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



4AB247



00ABFF



FF6379

Complementary

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



4AB247



AF47B2

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.



FF64B7



4AB247



6E97FF

Square

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



4AB247



00B6F8



D07BEE



F77942

Rectangle

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



4AB247



00BAAE



D07BEE



FF608E

Sweetspot

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



4AB247



BFE8BE



B2AE47



5C755B



F5F5F5



757575

Same Dimension

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



4AB247



46E841



47B279



515950



049900



011A00

Inverse Universe

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



AF47B2



E341E8



B24780



595059



950099



19001A

Previews

White Background



This preview shows how the Hex color 4AB247 looks on a white background.

Color Contrast Check

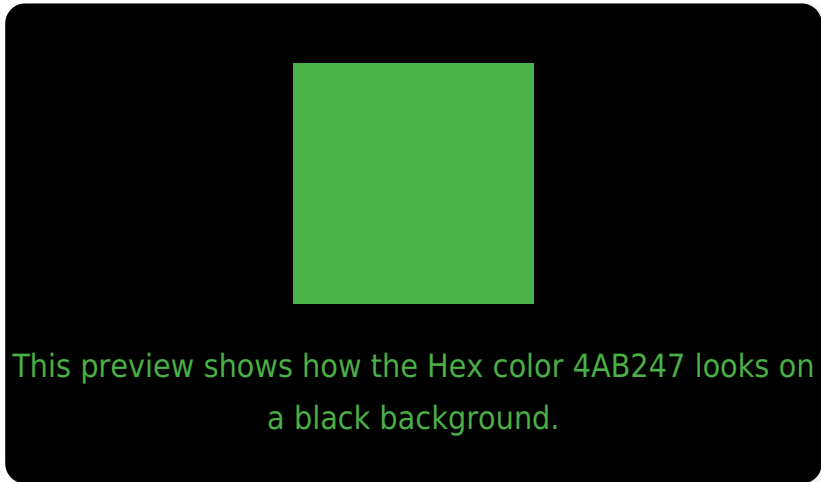
Large Text (above 18pt) WCAG AA × Fail

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 4AB247 Background



This preview shows how black text looks on a background with the Hex color 4AB247.

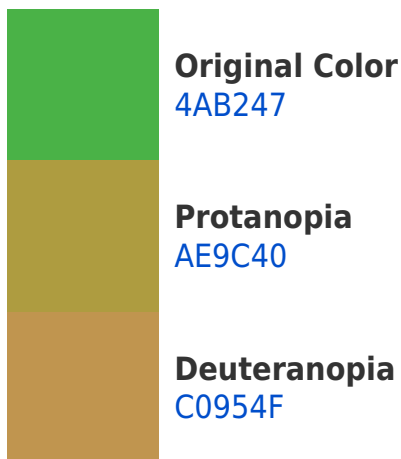


This preview shows how white text looks on a background with the Hex color 4AB247.

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](#).

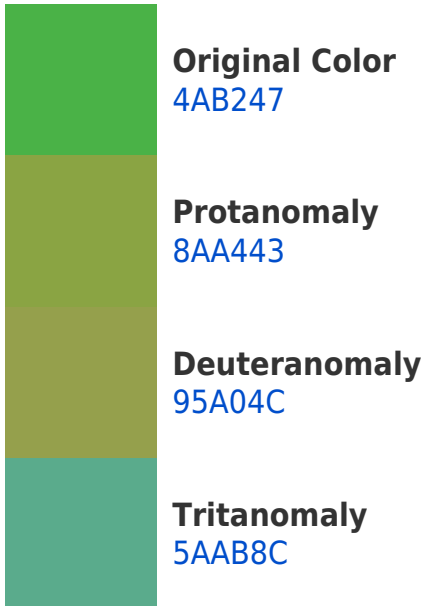
Dichromacy



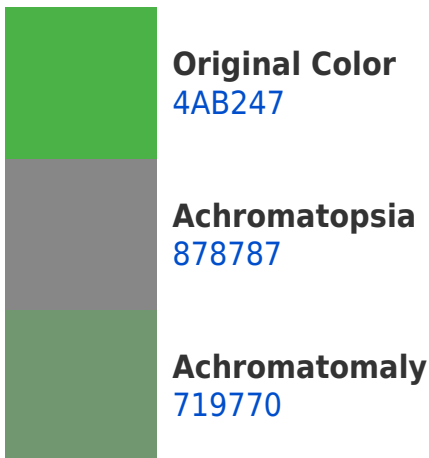


Tritanopia
63A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AB247 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 #4AB247 looks like.

```
.text, #text, p{  
    color:#4AB247  
}
```

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 #4AB247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB247
}
```

Border

The CSS property to change the border of an element to Hex 4AB247 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
#4AB247 }
```

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

```
.border{ border-color:#4AB247 }
```

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

Here you see how a box with a 4 pixel #4AB247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB247; -webkit-box-shadow:4px 4px  
4px 4px #4AB247; box-shadow:4px 4px 4px  
4px #4AB247 }
```

Background

The CSS property to change the background color of an element to Hex 4AB247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB247 }
```

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

```
.background{ background-color:#4AB247 }
```

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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