

Converting Colors

Hex(4BB85A)

Have a look what the booklet for
Hex(4BB85A) contains.

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Color

Hex(4BB85A)

Conversions

Conversions Part 1

Format	Color
Hex	4BB85A
RGB	75, 184, 90
RGB Percent	29%, 72%, 35%
CMY	0.7059, 0.2784, 0.6471
CMYK	0.59, 0.00, 0.51, 0.28
HSL	128°, 43%, 51%
HSV	128°, 59%, 72%
XYZ	21.8876, 36.5150, 15.5674
YIQ	140.6930, -34.7900, -52.3420

Conversions

Conversions Part 2

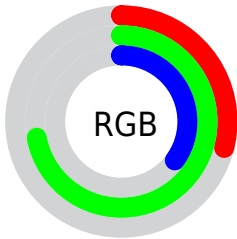
Format	Color
RYB	75, 171, 184
Decimal	4962394
CIELab	66.91, -50.91, 38.37
CIELCh	67, 63.748, 142.992
Yxy	36.5150, 0.2959, 0.4936
Android (android.graphics.Color)	4283152474 (0xFF4BB85A)
YUV	140.6930, -24.9916, -57.6128
Hunter-Lab	60.4277, -41.0936, 27.0251

Details

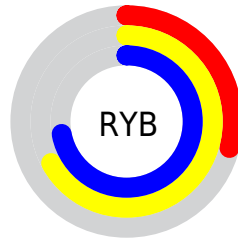
The Hex color **4BB85A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B84BA9**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **85F18E**, and **008228** is the 20% darker color. If you saturate the color by 10%, you get **39B84A**, and if you desaturate by 10%, it is **5DB86A**.

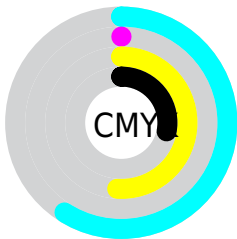
Distribution



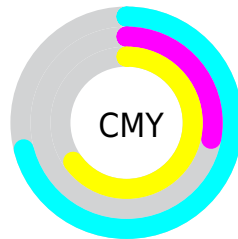
- Red (29%)
- Green (72%)
- Blue (35%)



- Red (29%)
- Yellow (67%)
- Blue (72%)



- Cyan (59%)
- Magenta (0%)
- Yellow (51%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB85A 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 4BB85A by changing the saturation by 10% instead.



4BB85A



4BB85A

FFFFFF



2A9D41



85F18E



008228



A2FFA9



00680E



BFFFC5



004F00



DDFFE1



003700



FBFFFE



002000



000000



4BB85A



4BB85A



39B84A



5DB86A

 26B83A

 70B87A

 14B82A

 82B88A

 01B81B

 95B899

 00B819

 A7B8A9

 B9B8B9

 CCB8C9

 DEB8D9

 F1B8E9

Harmonies

Analogous

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



96AD2E



4BB85A



00BD93

Triad

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



4BB85A



00ADFF



FF7179

Complementary

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



4BB85A



B84BA9

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.



FF6EB3



4BB85A



8B99FF

Square

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



4BB85A



00B9FE



DB80E9



F58548

Rectangle

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



4BB85A



00BEBB



DB80E9



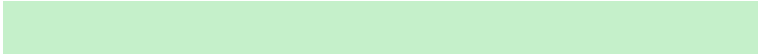
FF6D8C

Sweetspot

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



4BB85A



C5F0CA



A9B84B



5D7861



F7F7F7



787878

Same Dimension

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



4BB85A



46F05D



4BB890



535C54



009C15



001C04

Inverse Universe

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



B84BA9



F046D8



B84B73



5C535B



9C0086



1C0018

Previews

White Background



This preview shows how the Hex color 4BB85A looks on a white background.

Color Contrast Check

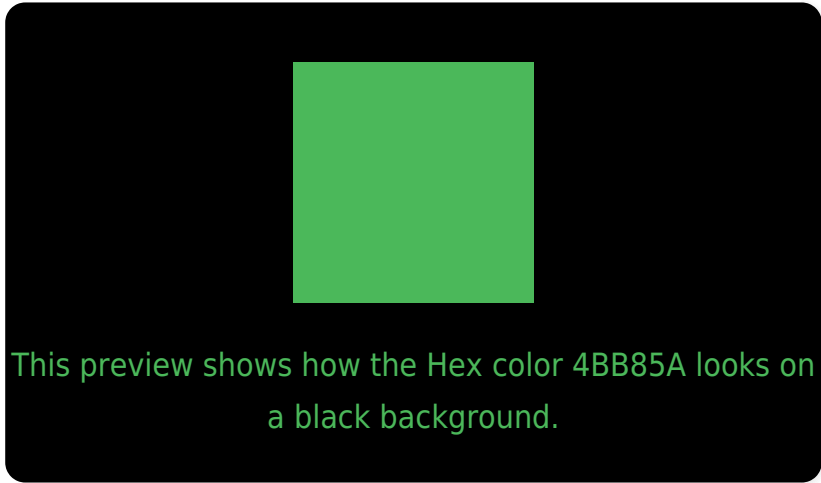
Large Text (above 18pt) WCAG AA × Fail

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 4BB85A Background



This preview shows how black text looks on a background with the Hex color 4BB85A.

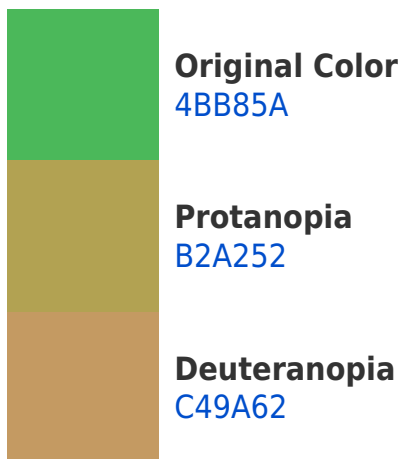


This preview shows how white text looks on a background with the Hex color 4BB85A.

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](#).

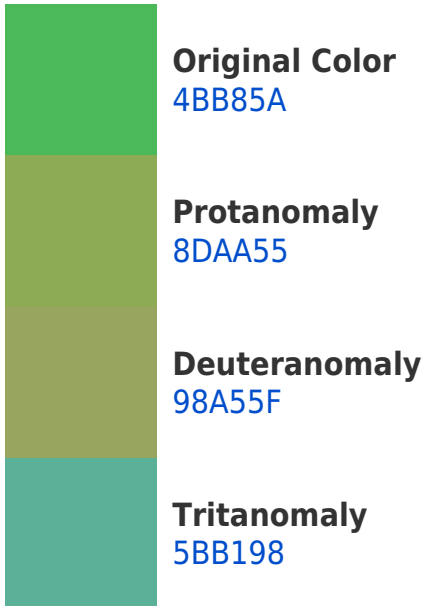
Dichromacy



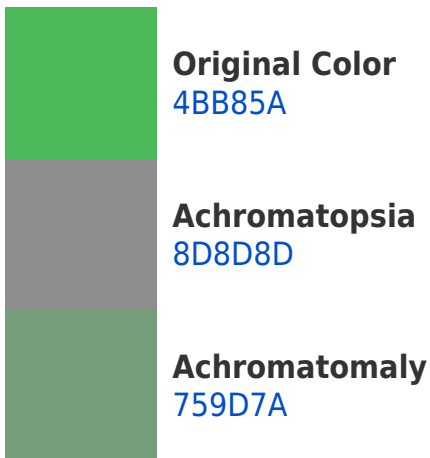


Tritanopia
64ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB85A 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 #4BB85A looks like.

```
.text, #text, p{  
    color:#4BB85A  
}
```

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 #4BB85A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB85A
}
```

Border

The CSS property to change the border of an element to Hex 4BB85A 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
#4BB85A }
```

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

```
.border{ border-color:#4BB85A }
```

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

Here you see how a box with a 4 pixel #4BB85A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB85A; -webkit-box-shadow:4px 4px  
4px 4px #4BB85A; box-shadow:4px 4px 4px  
4px #4BB85A }
```

Background

The CSS property to change the background color of an element to Hex 4BB85A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB85A }
```

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

```
.background{ background-color:#4BB85A }
```

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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