

# Converting Colors

Hex(4BAA4D)

Have a look what the booklet for  
Hex(4BAA4D) contains.

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# Color

Hex(4BAA4D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAA4D
RGB	75, 170, 77
RGB Percent	29%, 67%, 30%
CMY	0.7059, 0.3333, 0.6980
CMYK	0.56, 0.00, 0.55, 0.33
HSL	121°, 39%, 48%
HSV	121°, 56%, 67%
XYZ	18.6159, 30.7811, 11.9814
YIQ	130.9930, -26.7670, -49.0630

# Conversions

## Conversions Part 2

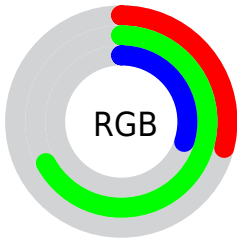
Format	Color
<a href="#">RYB</a>	<a href="#">75, 168, 170</a>
Decimal	<a href="#">4958797</a>
CIELab	<a href="#">62.32, -47.23, 39.20</a>
CIELCh	<a href="#">62, 61.375, 140.307</a>
Yxy	<a href="#">30.7811, 0.3033, 0.5015</a>
Android (android.graphics.Color)	<a href="#">4283148877 (0xFF4BAA4D)</a>
YUV	<a href="#">130.9930, -26.6185, -49.1059</a>
Hunter-Lab	<a href="#">55.4807, -37.1977, 26.0325</a>

# Details

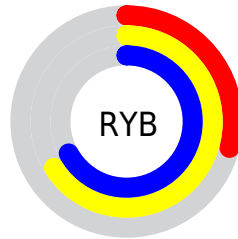
The Hex color **4BAA4D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **AA4BA8**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **84E280**, and **00751B** is the 20% darker color. If you saturate the color by 10%, you get **3AAA3C**, and if you desaturate by 10%, it is **5CAA5E**.

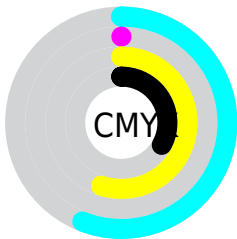
# Distribution



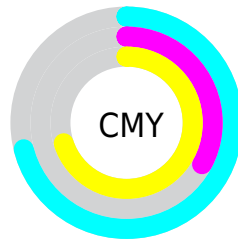
- Red (29%)
- Green (67%)
- Blue (30%)



- Red (29%)
- Yellow (66%)
- Blue (67%)



- Cyan (56%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (71%)
- Magenta (33%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BAA4D 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 4BAA4D by changing the saturation by 10% instead.



 4BAA4D

 4BAA4D

FFFFFF

 2C8F34

 84E280

 00751B

 A0FF9B

 005B00

 BDFFB6

 004300

 DAFFD2

 002D00

 F7FFE0

 000F00

 000000

 4BAA4D

 4BAA4D

 3AAA3C

 5CAA5E

 29AA2C

 6DAA6E

 18AA1B

 7EAA7F

 07AA0A

 8FAA90

 00AA04

 A0AAA0

 B1AAB1

 C2AAC1

 D3AAD2

 E4AAE3

# Harmonies

## Analogous

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



8F9F24



4BAA4D



00B083

# Triad

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



4BAA4D



00A2FF



F96574

# Complementary

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



4BAA4D



AA4BA8

# 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.



F065AB



4BAA4D



7690FD

# Square

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



4BAA4D



00ADEA



C778DD



E77844

# Rectangle

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



4BAA4D



00B1A8



C778DD



F96386



# Sweetspot

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



4BAA4D



B8DEB9



A8AA4B



5A705A



F0F0F0



707070



# Same Dimension

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



4BAA4D



49DE4C



4BAA7C



4C544C



009403



001400



# Inverse Universe

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



AA4BA8



DE49DB



AA4B79



544C54



940091



140014



# Previews

## White Background



This preview shows how the Hex color 4BAA4D looks on a white background.

## Color Contrast Check

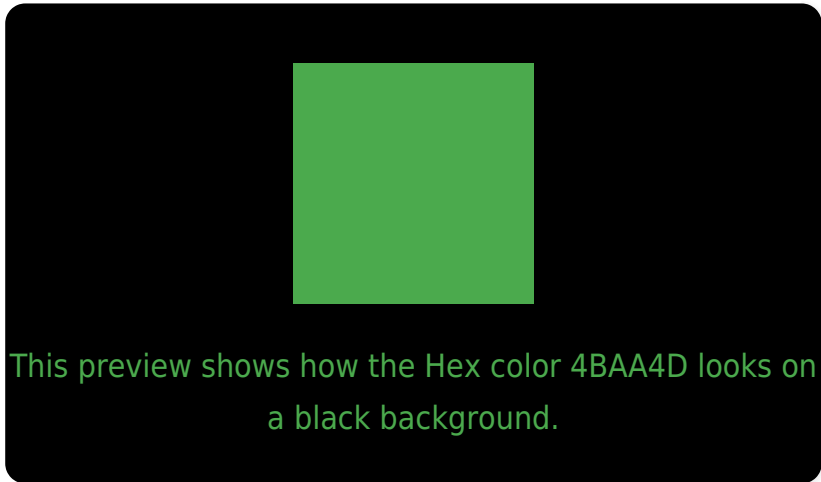
Large Text (above 18pt) WCAG AA × Fail

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 4BAA4D Background



This preview shows how black text looks on a background with the Hex color 4BAA4D.

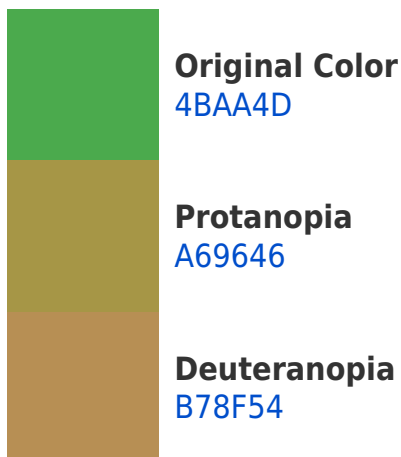


This preview shows how white text looks on a background with the Hex color 4BAA4D.

# 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](#).

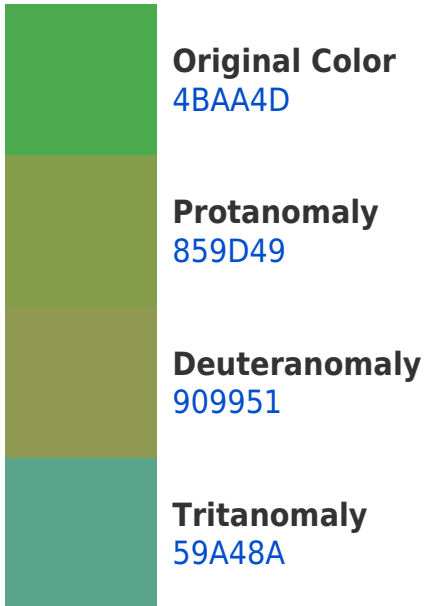
## Dichromacy



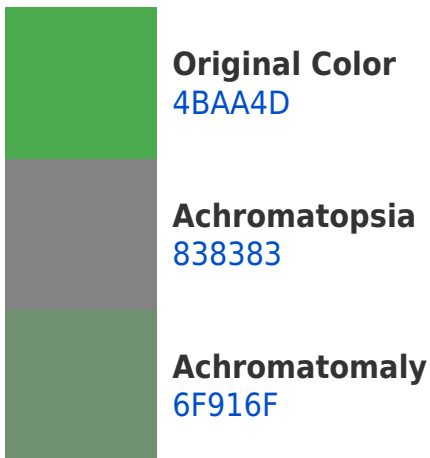


**Tritanopia**  
61A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BAA4D 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 #4BAA4D looks like.

```
.text, #text, p{  
    color:#4BAA4D  
}
```

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 #4BAA4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAA4D
}
```

## Border

The CSS property to change the border of an element to Hex 4BAA4D 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
#4BAA4D }
```

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

```
.border{ border-color:#4BAA4D }
```

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

Here you see how a box with a 4 pixel #4BAA4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAA4D; -webkit-box-shadow:4px 4px  
4px 4px #4BAA4D; box-shadow:4px 4px 4px  
4px #4BAA4D }
```

# Background

The CSS property to change the background color of an element to Hex 4BAA4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAA4D }
```

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

```
.background{ background-color:#4BAA4D }
```

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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