

# Converting Colors

Hex(4BA900)

Have a look what the booklet for  
Hex(4BA900) contains.

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**Color**

**Hex(4BA900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BA900
RGB	75, 169, 0
RGB Percent	29%, 66%, 0%
CMY	0.7059, 0.3373, 1.0000
CMYK	0.56, 0.00, 1.00, 0.34
HSL	93°, 100%, 33%
HSV	93°, 100%, 66%
XYZ	17.0896, 29.8718, 4.8651
YIQ	121.6280, -1.7750, -72.4870

# Conversions

## Conversions Part 2

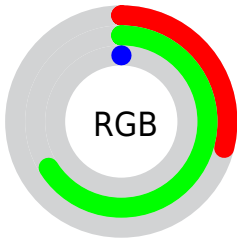
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 169, 94
Decimal	4958464
CIELab	61.54, -52.03, 62.73
CIELCh	62, 81.497, 129.676
Yxy	29.8718, 0.3297, 0.5764
Android (android.graphics.Color)	4283148544 (0xFF4BA900)
YUV	121.6280, -59.9626, -40.8928
Hunter-Lab	54.6551, -39.8328, 32.9809

# Details

The Hex color **4BA900** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E00A9**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **86E14A**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **4BA900**, and if you desaturate by 10%, it is **54A911**.

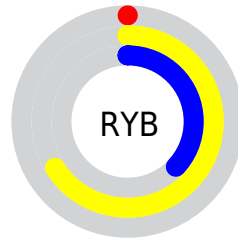
# Distribution



Red (29%)

Green (66%)

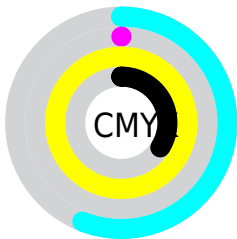
Blue (0%)



Red (0%)

Yellow (66%)

Blue (37%)

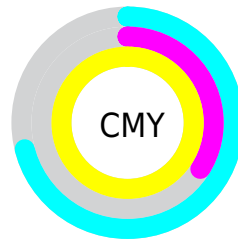


Cyan (56%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (71%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BA900 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 4BA900 by changing the saturation by 10% instead.



 4BA900

 4BA900

FFFFFF

 2A8E00

 86E14A

 007400

 A3FE66

 005A00

 C0FF82

 004200

 DEFF9E

 002C00

 FCFFBA

 000B00

 FFFFD7

 000000

 FFFFF4

 4BA900

 54A911

 5EA922

 67A933

 71A944

 7AA954

 83A965

 8DA976

 96A987

 A0A998

# Harmonies

## Analogous

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



9E9900



4BA900



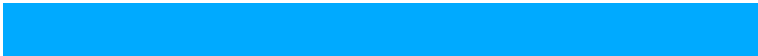
00B15F

# Triad

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



4BA900



00AAFF



FF3C81

# Complementary

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



4BA900



5E00A9

# 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.



FA4DC8



4BA900



0096FF

# Square

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



4BA900



00B3F0



B275FF



FF5A3B

# Rectangle

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



4BA900



00B492



B275FF



FF3C99



# Sweetspot

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



4BA900



B7DB9A



A95D00



586E46



EDEDED



6E6E6E



# Same Dimension

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



4BA900



61DB00



00A908



4F544C



429400



091400



# Inverse Universe

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



5E00A9



7A00DB



A900A1



504C54



520094



0B0014



# Previews

## White Background



This preview shows how the Hex color 4BA900 looks on a white background.

## Color Contrast Check

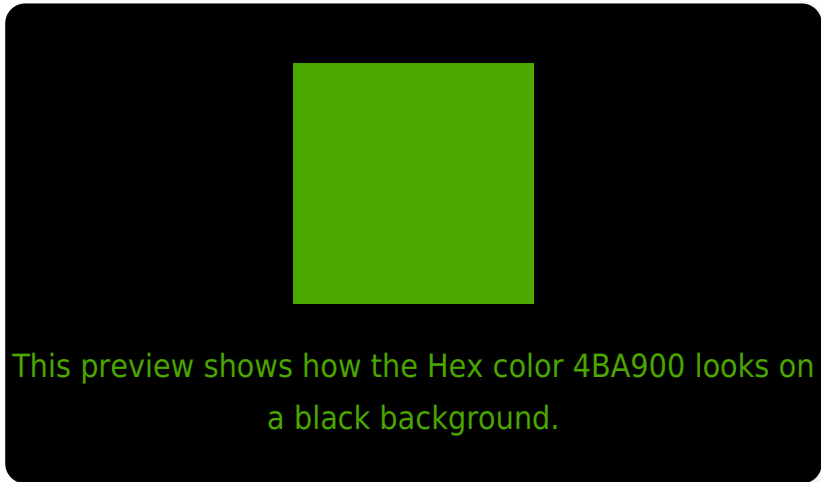
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4BA900 Background



This preview shows how black text looks on a background with the Hex color 4BA900.

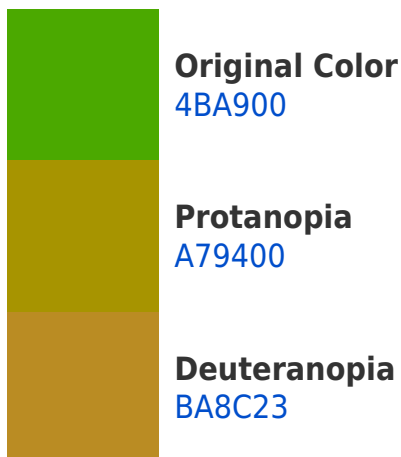


This preview shows how white text looks on a background with the Hex color 4BA900.

# 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](#).

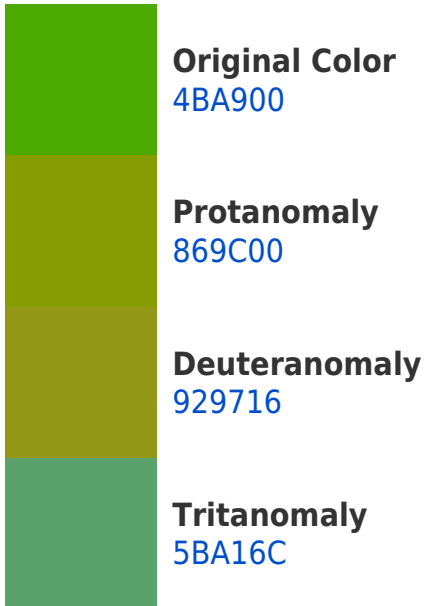
## Dichromacy



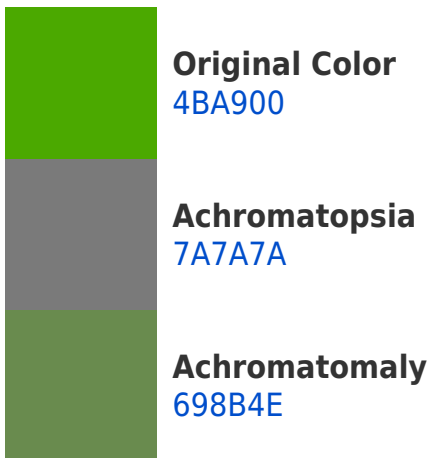


**Tritanopia**  
649DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BA900 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 #4BA900 looks like.

```
.text, #text, p{  
    color:#4BA900  
}
```

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 #4BA900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA900
}
```

## Border

The CSS property to change the border of an element to Hex 4BA900 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
#4BA900 }
```

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

```
.border{ border-color:#4BA900 }
```

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

Here you see how a box with a 4 pixel #4BA900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA900; -webkit-box-shadow:4px 4px  
4px 4px #4BA900; box-shadow:4px 4px 4px  
4px #4BA900 }
```

# Background

The CSS property to change the background color of an element to Hex 4BA900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA900 }
```

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

```
.background{ background-color:#4BA900 }
```

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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