

# Converting Colors

Hex(4FA906)

Have a look what the booklet for  
Hex(4FA906) contains.

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# Color

Hex(4FA906)

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA906
RGB	79, 169, 6
RGB Percent	31%, 66%, 2%
CMY	0.6902, 0.3373, 0.9765
CMYK	0.53, 0.00, 0.96, 0.34
HSL	93°, 93%, 34%
HSV	93°, 96%, 66%
XYZ	17.4453, 30.0513, 5.0533
YIQ	123.5080, -1.3170, -69.7730

# Conversions

## Conversions Part 2

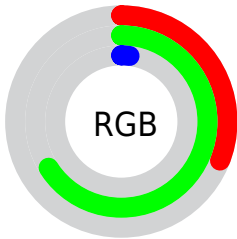
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 169, 96
Decimal	5220614
CIELab	61.70, -50.76, 62.09
CIELCh	62, 80.195, 129.265
Yxy	30.0513, 0.3320, 0.5719
Android (android.graphics.Color)	4283410694 (0xFF4FA906)
YUV	123.5080, -57.9314, -39.0335
Hunter-Lab	54.8191, -39.1287, 32.9079

# Details

The Hex color **4FA906** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6006A9**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **89E14C**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **4CA900**, and if you desaturate by 10%, it is **58A917**.

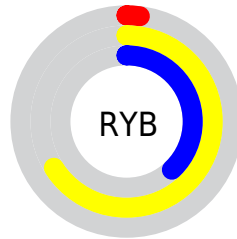
# Distribution



Red (31%)

Green (66%)

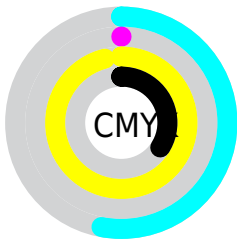
Blue (2%)



Red (2%)

Yellow (66%)

Blue (38%)

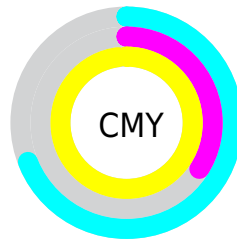


Cyan (53%)

Magenta (0%)

Yellow (96%)

Black (34%)



Cyan (69%)

Magenta (34%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA906 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 4FA906 by changing the saturation by 10% instead.



 4FA906

 4FA906

FFFFFF

 2F8E00

 89E14C

 007400

 A6FE68

 005A00

 C4FF84

 004200

 E1FF9F

 002C00

 FFFFBC

 000C00

 FFFFD9

 000000

 FFFFF6

 4FA906

 4FA906

■ 4CA900

■ 58A917

■ 62A928

■ 6BA939

■ 74A94A

■ 7EA95A

■ 87A96B

■ 90A97C

■ 9AA98D

■ A3A99E

# Harmonies

## Analogous

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



A09900



4FA906



00B15F

# Triad

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



4FA906



00AAFF



FF4082

# Complementary

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



4FA906



6006A9

# 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.



F950C9



4FA906



0097FF

# Square

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



4FA906



00B3EE



B177FF



FF5C3E

# Rectangle

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



4FA906



00B491



B177FF



FF409A



# Sweetspot

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



4FA906



B8DB9C



A96006



586E47



EDEDED



6E6E6E



# Same Dimension

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



4FA906



62DB00



06A90E



50544C



429400



091400



# Inverse Universe

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



6006A9



7900DB



A906A1



504C54



520094



0B0014



# Previews

## White Background



This preview shows how the Hex color 4FA906 looks on a white background.

## Color Contrast Check

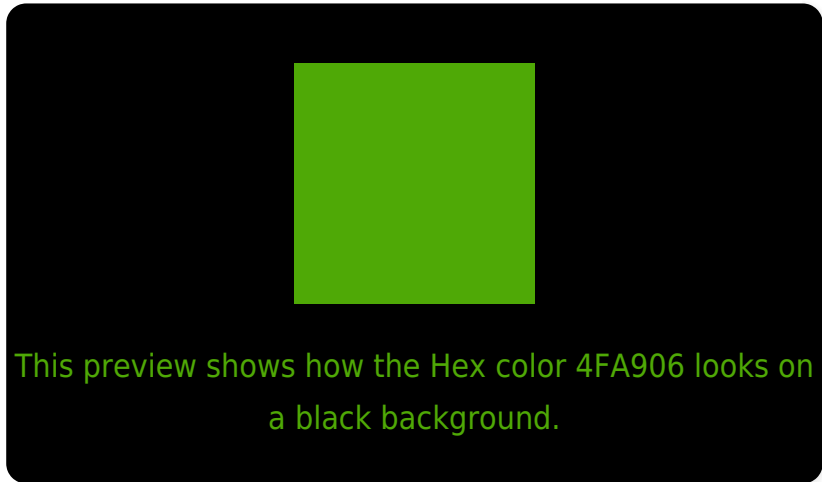
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

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



## Hex 4FA906 Background



This preview shows how black text looks on a background with the Hex color 4FA906.

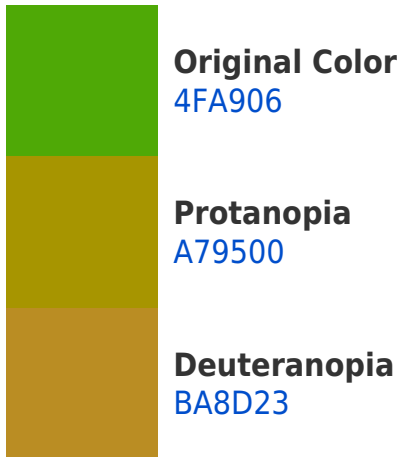


This preview shows how white text looks on a background with the Hex color 4FA906.

# Color Blindness Simulation

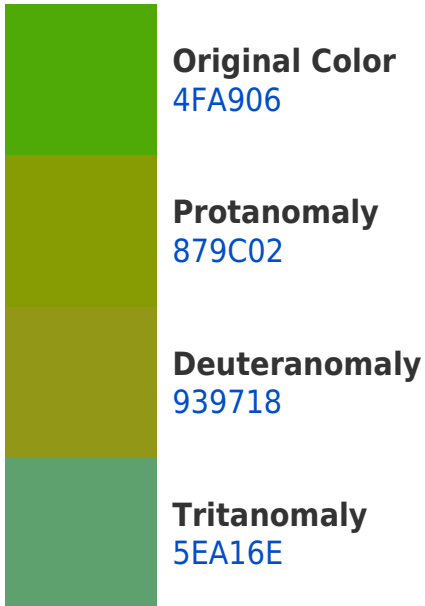
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

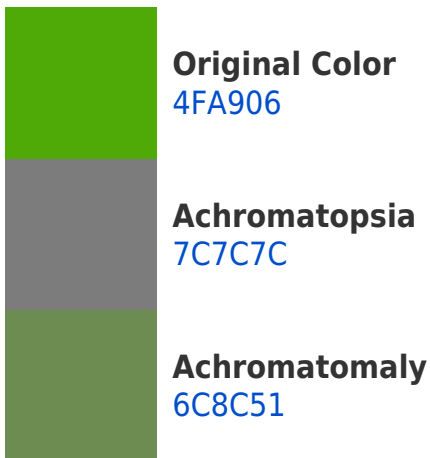




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA906 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 #4FA906 looks like.

```
.text, #text, p{  
    color:#4FA906  
}
```

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 #4FA906 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA906
}
```

## Border

The CSS property to change the border of an element to Hex 4FA906 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".

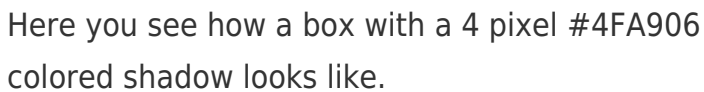
```
.border, #border, table{ border:4px solid
#4FA906 }
```

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

```
.border{ border-color:#4FA906 }
```

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

Here you see how a box with a 4 pixel #4FA906 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset box shadow in the color #4FA906.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA906; -webkit-box-shadow:4px 4px  
4px 4px #4FA906; box-shadow:4px 4px 4px  
4px #4FA906 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA906 }
```

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

```
.background{ background-color:#4FA906 }
```

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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