

# Converting Colors

Hex(4AC400)

Have a look what the booklet for  
Hex(4AC400) contains.

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**Color**

**Hex(4AC400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC400
RGB	74, 196, 0
RGB Percent	29%, 77%, 0%
CMY	0.7098, 0.2314, 1.0000
CMYK	0.62, 0.00, 1.00, 0.23
HSL	97°, 100%, 38%
HSV	97°, 100%, 77%
XYZ	22.5640, 40.9357, 6.7121
YIQ	137.1780, -9.7960, -86.8200

# Conversions

## Conversions Part 2

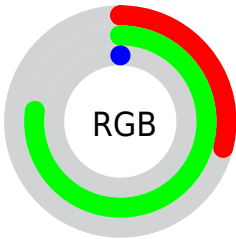
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 196, 122
Decimal	4899840
CIELab	70.13, -61.66, 69.49
CIELCh	70, 92.904, 131.580
Yxy	40.9357, 0.3214, 0.5830
Android (android.graphics.Color)	4283089920 (0xFF4AC400)
YUV	137.1780, -67.6288, -55.4071
Hunter-Lab	63.9810, -49.0158, 38.5667

# Details

The Hex color **4AC400** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7A00C4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **89FE50**, and **008D00** is the 20% darker color. If you saturate the color by 10%, you get **4AC400**, and if you desaturate by 10%, it is **56C414**.

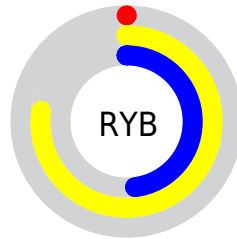
# Distribution



Red (29%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (48%)

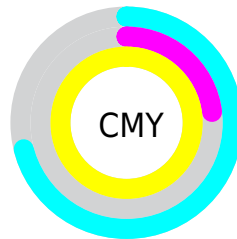


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (71%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC400 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 4AC400 by changing the saturation by 10% instead.



 4AC400

 4AC400

FFFFFF

 22A800

 89FE50

 008D00

 A8FF6D

 007200

 C6FF89

 005900

 E4FFA6

 004000

 FFFFC3

 002800

 FFFF E0

 000100

FFFFFFE

 000000

 4AC400

 56C414

 62C427

 6FC43B

 7BC44E

 87C462

 93C476

 9FC489

 ACC49D

 B8C4B0

# Harmonies

## Analogous

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



B1B200



4AC400



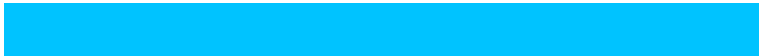
00CD72

# Triad

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



4AC400



00C3FF



FF418F

# Complementary

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



4AC400



7A00C4

# 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.



FF52E3



4AC400



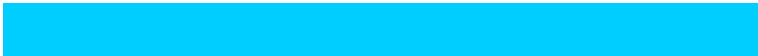
00ABFF

# Square

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



4AC400



00CEFF



D583FF



FF693D

# Rectangle

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



4AC400



00D0AE



D583FF



FF3EAB

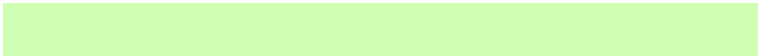


# Sweetspot

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



4AC400



CFFFB3



C47900



638052



000000



808080



# Same Dimension

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



4AC400



60FF00



00C417



5B6157



3DA100



0D2100



# Inverse Universe

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



7A00C4



9F00FF



C400AD



5D5761



6400A1

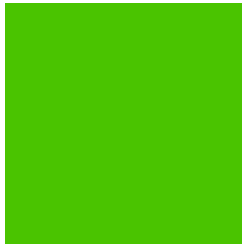


150021



# Previews

## White Background



This preview shows how the Hex color 4AC400 looks on a white background.

## Color Contrast Check

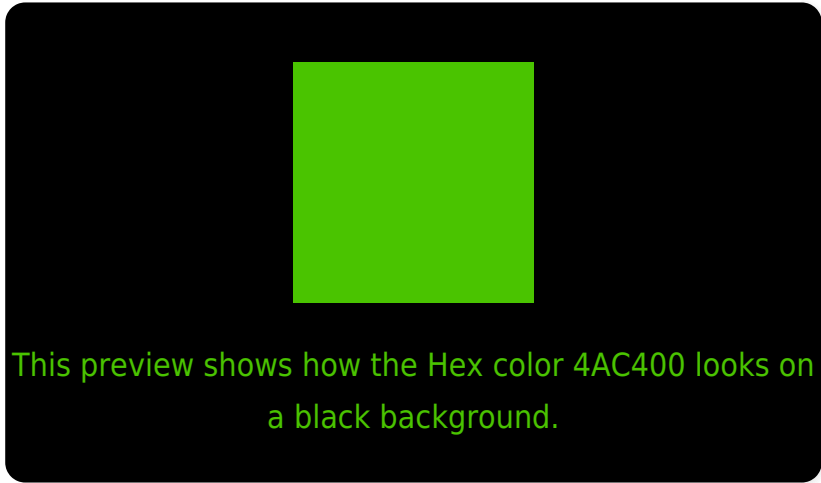
Large Text (above 18pt) WCAG AA × Fail

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 4AC400 Background



This preview shows how black text looks on a background with the Hex color 4AC400.

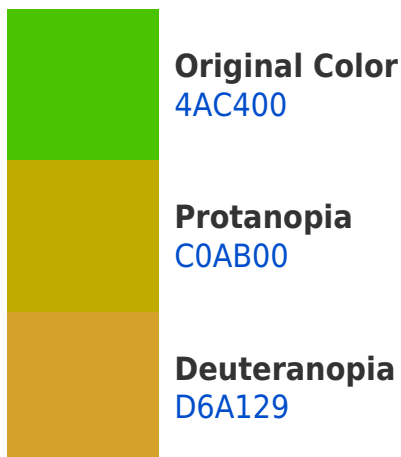


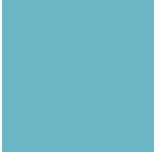
This preview shows how white text looks on a background with the Hex color 4AC400.

# 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](#).

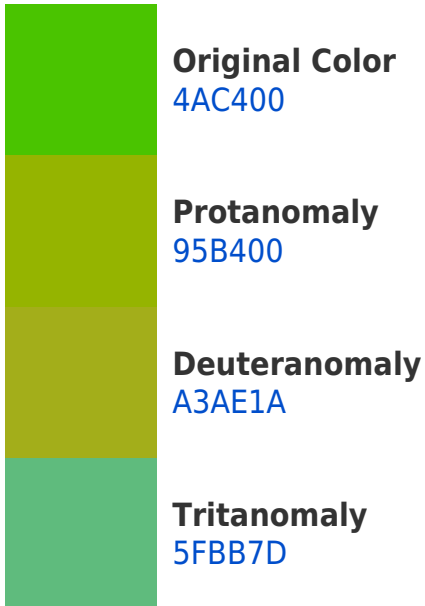
## Dichromacy





**Tritanopia**  
6BB6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC400 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 #4AC400 looks like.

```
.text, #text, p{  
    color:#4AC400  
}
```

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 #4AC400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC400
}
```

## Border

The CSS property to change the border of an element to Hex 4AC400 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
#4AC400 }
```

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

```
.border{ border-color:#4AC400 }
```

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

Here you see how a box with a 4 pixel #4AC400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC400; -webkit-box-shadow:4px 4px  
4px 4px #4AC400; box-shadow:4px 4px 4px  
4px #4AC400 }
```

# Background

The CSS property to change the background color of an element to Hex 4AC400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC400 }
```

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

```
.background{ background-color:#4AC400 }
```

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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