

# Converting Colors

Hex(4CA703)

Have a look what the booklet for  
Hex(4CA703) contains.

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**Color**

**Hex(4CA703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4CA703
RGB	76, 167, 3
RGB Percent	30%, 65%, 1%
CMY	0.7020, 0.3451, 0.9882
CMYK	0.54, 0.00, 0.98, 0.35
HSL	93°, 96%, 33%
HSV	93°, 98%, 65%
XYZ	16.8156, 29.1805, 4.8323
YIQ	121.0950, -1.5920, -70.2960

# Conversions

## Conversions Part 2

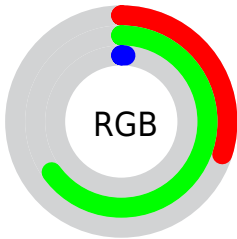
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 167, 94
Decimal	5023491
CIE Lab	60.94, -50.95, 61.85
CIE LCh	61, 80.130, 129.482
Yxy	29.1805, 0.3308, 0.5741
Android (android.graphics.Color)	4283213571 (0xFF4CA703)
YUV	121.0950, -58.2208, -39.5483
Hunter-Lab	54.0190, -38.9677, 32.5095

# Details

The Hex color **4CA703** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5E03A7**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **87DF4B**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **4AA700**, and if you desaturate by 10%, it is **55A714**.

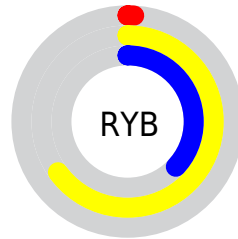
# Distribution



Red (30%)

Green (65%)

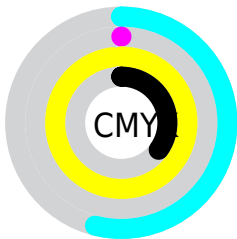
Blue (1%)



Red (1%)

Yellow (65%)

Blue (37%)

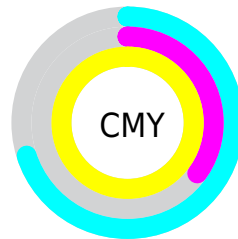


Cyan (54%)

Magenta (0%)

Yellow (98%)

Black (35%)



Cyan (70%)

Magenta (35%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA703 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 4CA703 by changing the saturation by 10% instead.



 4CA703

 4CA703

FFFFFF

 2B8C00

 87DF4B

 007200

 A4FC66

 005800

 C1FF82

 004000

 DEFF9E

 002A00

 FCFFBA

 000600

 FFFFD7

 000000

 FFFFF4

 4CA703

 4CA703

■ 4AA700

■ 55A714

■ 5FA724

■ 68A735

■ 71A746

■ 7AA756

■ 84A767

■ 8DA778

■ 96A789

■ 9FA799

# Harmonies

## Analogous

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



9D9700



4CA703



00AF5E

# Triad

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



4CA703



00A8FF



FF3D80

# Complementary

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



4CA703



5E03A7

# 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.



F74EC6



4CA703



0095FF

# Square

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



4CA703



00B1EC



B075FF



FF5A3C

# Rectangle

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



4CA703



00B290



B075FF



FF3D97



# Sweetspot

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



4CA703



B6D99A



A75D03



586E47



EDEDED



6E6E6E



# Same Dimension

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



4CA703



60D900



03A70B



4F544C



429400



091400



# Inverse Universe

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



5E03A7



7800D9



A7039F



504C54



520094

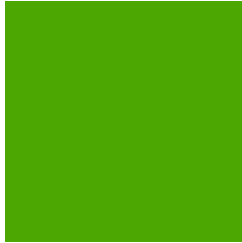


0B0014



# Previews

## White Background



This preview shows how the Hex color 4CA703 looks on a white background.

## Color Contrast Check

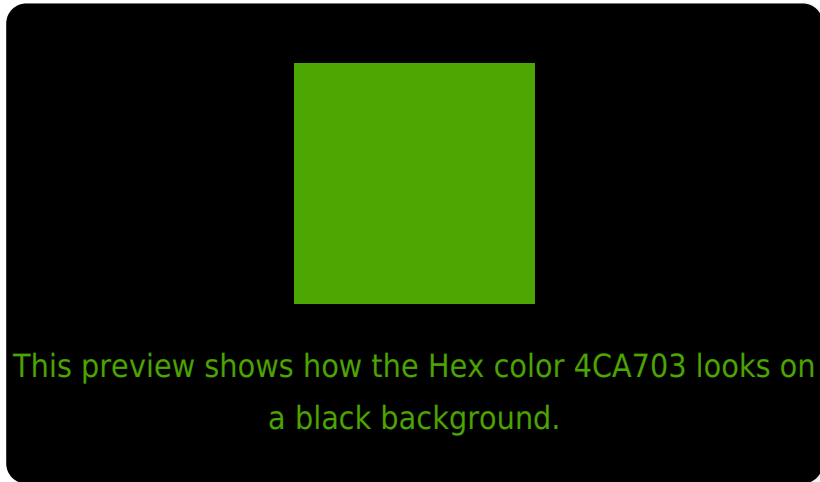
Large Text (above 18pt) WCAG AA ✓ Pass

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 4CA703 Background



This preview shows how black text looks on a background with the Hex color 4CA703.



This preview shows how white text looks on a background with the Hex color 4CA703.

# 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



**Original Color**  
4CA703

**Protanopia**  
A59300

**Deuteranopia**  
B88B23



**Tritanopia**  
649BA8

# Trichromacy



**Original Color**  
4CA703



**Protanomaly**  
859A01



**Deuteranomaly**  
919517



**Tritanomaly**  
5B9F6C

# Monochromacy



**Original Color**  
4CA703



**Achromatopsia**  
797979



**Achromatomaly**  
698A4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA703 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 #4CA703 looks like.

```
.text, #text, p{  
    color:#4CA703  
}
```

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 #4CA703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA703
}
```

## Border

The CSS property to change the border of an element to Hex 4CA703 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
#4CA703 }
```

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

```
.border{ border-color:#4CA703 }
```

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

Here you see how a box with a 4 pixel #4CA703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA703; -webkit-box-shadow:4px 4px  
4px 4px #4CA703; box-shadow:4px 4px 4px  
4px #4CA703 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA703 }
```

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

```
.background{ background-color:#4CA703 }
```

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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