

Converting Colors

Hex(4C9500)

Have a look what the booklet for
Hex(4C9500) contains.

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Color

Hex(4C9500)

Conversions

Conversions Part 1

Format	Color
Hex	4C9500
RGB	76, 149, 0
RGB Percent	30%, 58%, 0%
CMY	0.7020, 0.4157, 1.0000
CMYK	0.49, 0.00, 1.00, 0.42
HSL	89°, 100%, 29%
HSV	89°, 100%, 58%
XYZ	13.7279, 23.0314, 3.7220
YIQ	110.1870, 4.3210, -61.8150

Conversions

Conversions Part 2

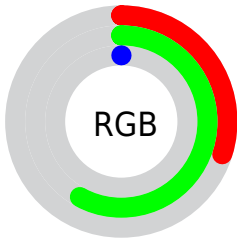
Format	Color
RYB	0, 149, 73
Decimal	5018880
CIELab	55.10, -44.15, 57.69
CIELCh	55, 72.641, 127.428
Yxy	23.0314, 0.3391, 0.5689
Android (android.graphics.Color)	4283208960 (0xFF4C9500)
YUV	110.1870, -54.3222, -29.9820
Hunter-Lab	47.9910, -32.9240, 28.9955

Details

The Hex color **4C9500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **490095**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **84CC45**, and **076100** is the 20% darker color. If you saturate the color by 10%, you get **4C9500**, and if you desaturate by 10%, it is **53950F**.

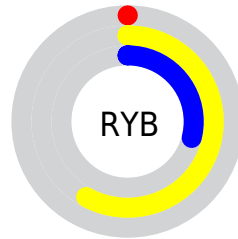
Distribution



Red (30%)

Green (58%)

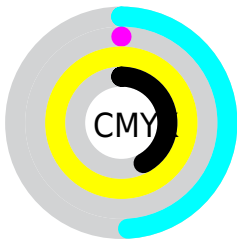
Blue (0%)



Red (0%)

Yellow (58%)

Blue (29%)

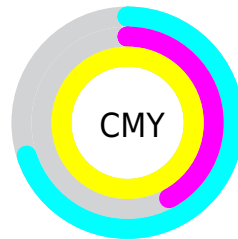


Cyan (49%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (70%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C9500 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 4C9500 by changing the saturation by 10% instead.

 4C9500

 4C9500

FFFFFF

 2E7B00

 84CC45

 076100

 A1E861

 004900

 BDFF7C

 003100

 DBFF97

 001A00

 F8FFB3

 000000

 FFFFD0

 FFFFED

 4C9500

 53950F

 5B951E

 62952D

 69953C

 70954B

 789559

 7F9568

 869577

 8E9586

Harmonies

Analogous

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



918600



4C9500



009D50

Triad

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



4C9500



0097F9



F23977

Complementary

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



4C9500



490095

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.



DA49B6



4C9500



0087FF

Square

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



4C9500



009FCF



976BE9



E84F3A

Rectangle

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



4C9500



009F7C



976BE9



EE3A8C

Sweetspot

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



4C9500



A5C288



954800



50613E



E0E0E0



616161

Same Dimension

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



4C9500



63C200



029500



464A43



468A00



050A00

Inverse Universe

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



490095



5F00C2



930095



46434A



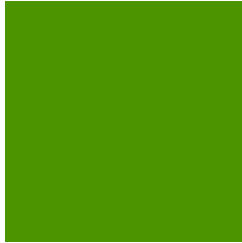
43008A



05000A

Previews

White Background



This preview shows how the Hex color 4C9500 looks on a white background.

Color Contrast Check

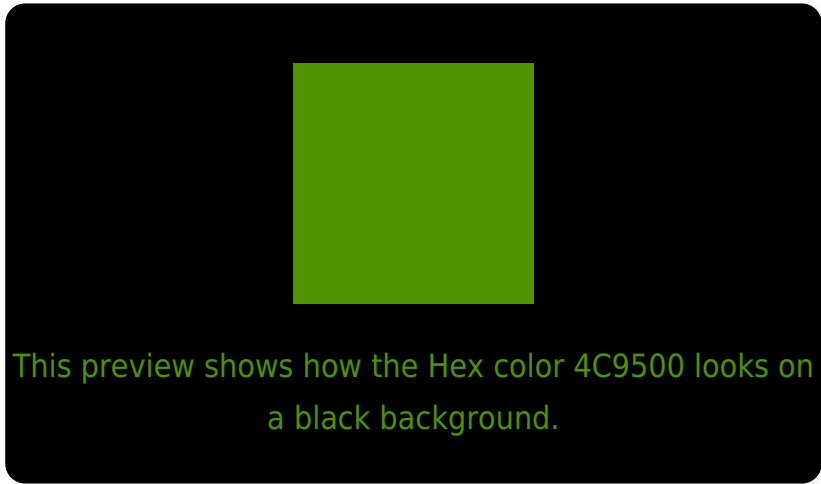
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C9500 Background



This preview shows how black text looks on a background with the Hex color 4C9500.

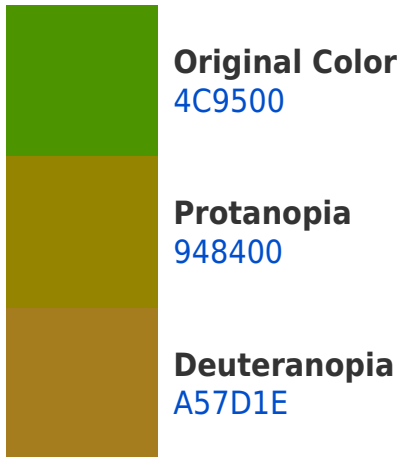



This preview shows how white text looks on a background with the Hex color 4C9500.

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](#).

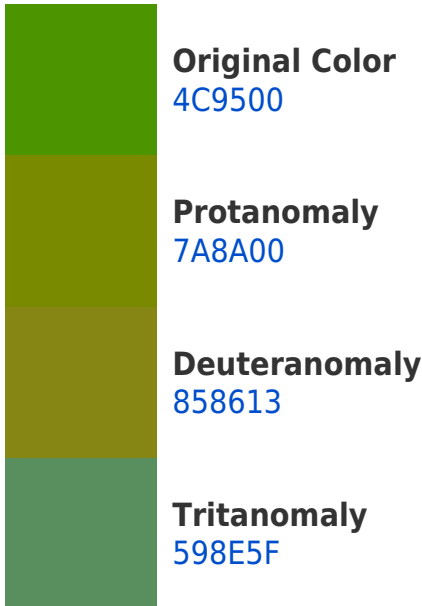
Dichromacy





Tritanopia
608A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C9500 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 #4C9500 looks like.

```
.text, #text, p{  
    color:#4C9500  
}
```

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 #4C9500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9500
}
```

Border

The CSS property to change the border of an element to Hex 4C9500 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
#4C9500 }
```

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

```
.border{ border-color:#4C9500 }
```

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

Here you see how a box with a 4 pixel #4C9500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9500; -webkit-box-shadow:4px 4px  
4px 4px #4C9500; box-shadow:4px 4px 4px  
4px #4C9500 }
```

Background

The CSS property to change the background color of an element to Hex 4C9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9500 }
```

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

```
.background{ background-color:#4C9500 }
```

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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