

Converting Colors

Hex(C4E009)

Have a look what the booklet for
Hex(C4E009) contains.

Hex(C4E009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C4E009)

Conversions

Conversions Part 1

Format	Color
Hex	C4E009
RGB	196, 224, 9
RGB Percent	77%, 88%, 4%
CMY	0.2314, 0.1216, 0.9647
CMYK	0.12, 0.00, 0.96, 0.12
HSL	68°, 92%, 46%
HSV	68°, 96%, 88%
XYZ	49.4699, 65.0668, 10.2103
YIQ	191.1180, 52.3270, -72.8010

Conversions

Conversions Part 2

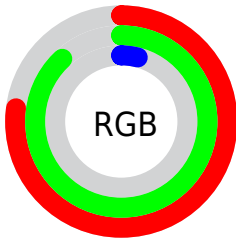
Format	Color
RYB	9, 224, 37
Decimal	12902409
CIELab	84.52, -31.07, 82.44
CIELCh	85, 88.105, 110.651
Yxy	65.0668, 0.3966, 0.5216
Android (android.graphics.Color)	4291092489 (0xFFC4E009)
YUV	191.1180, -89.7842, 4.2815
Hunter-Lab	80.6640, -31.6908, 48.9600

Details

The Hex color **C4E009** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **2509E0**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFFF5B**, and **89A900** is the 20% darker color. If you saturate the color by 10%, you get **C3E000**, and if you desaturate by 10%, it is **C7E01F**.

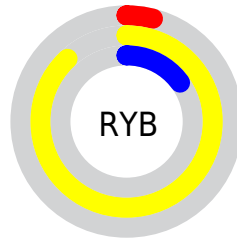
Distribution



Red (77%)

Green (88%)

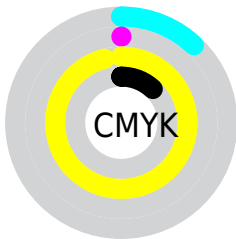
Blue (4%)



Red (4%)

Yellow (88%)

Blue (15%)

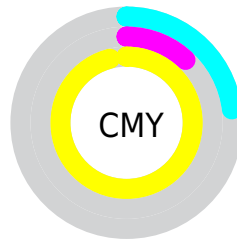


Cyan (12%)

Magenta (0%)

Yellow (96%)

Black (12%)



Cyan (23%)

Magenta (12%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4E009 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 C4E009 by changing the saturation by 10% instead.

 C4E009

 C4E009

FFFFFF

 A6C400

 FFFF5B

 89A900

 FFFF79

 6C8E00

 FFFF96

 507500

 FFFFB3

 335C00

 FFFFD1

 154400

 FFFFEF

 002D00

 001800

 000000

 C4E009

 C4E009

 C3E000

 C7E01F

 CAE036

 CDE04C

 D0E063

 D3E079

 D6E08F

 D8E0A6

 DBE0BC

 DEE0D3

Harmonies

Analogous

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



FFC600



C4E009



54F062

Triad

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



C4E009



00F4FF



FF81F1

Complementary

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



C4E009



2509E0

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.



FFA2FF



C4E009



00E4FF

Square

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



C4E009



00F9FF



9CC8FF



FF839D

Rectangle

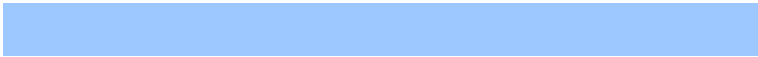
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C4E009



00F698



9CC8FF



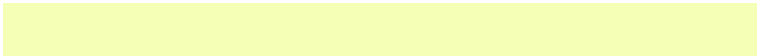
FF8AFF

Sweetspot

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



C4E009



F5FFB5



E02209



7A8053



000000



808080

Same Dimension

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



C4E009



DEFF00



5BE009



6F7065



99B000



2A3000

Inverse Universe

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



2509E0



2100FF



8E09E0



666570



1700B0



060030

Previews

White Background



This preview shows how the Hex color C4E009 looks on a white background.

Color Contrast Check

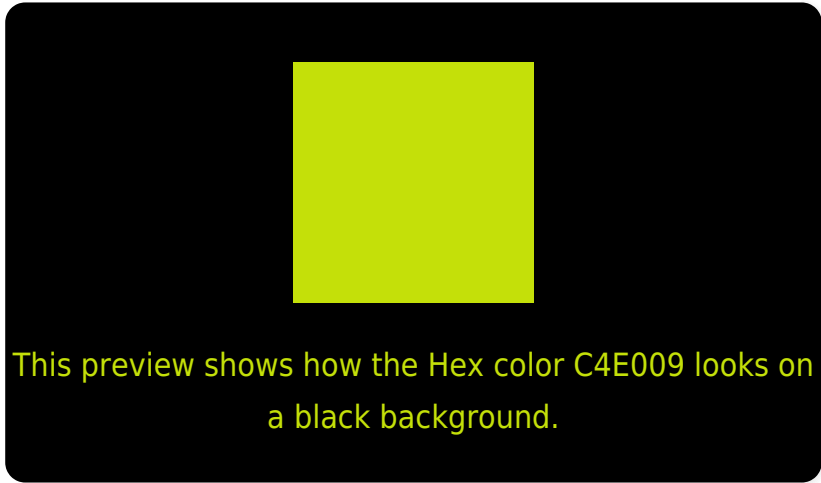
Large Text (above 18pt) WCAG AA × Fail

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 C4E009 Background



This preview shows how black text looks on a background with the Hex color C4E009.

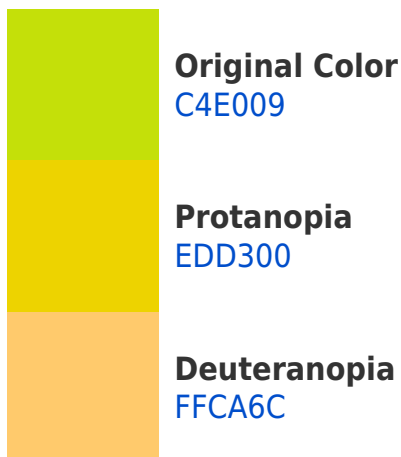


This preview shows how white text looks on a background with the Hex color C4E009.

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](#).

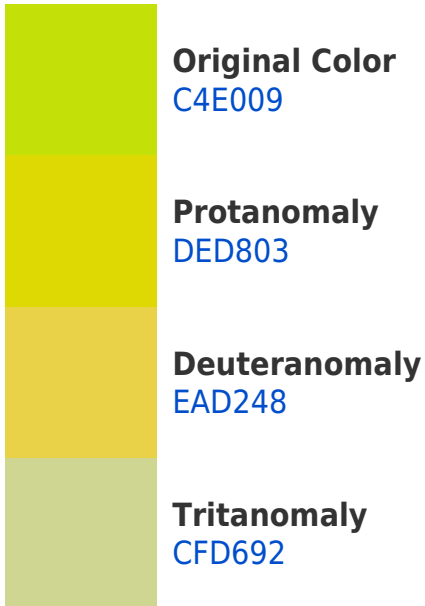
Dichromacy





Tritanopia
D5D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4E009 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 #C4E009 looks like.

```
.text, #text, p{  
    color:#C4E009  
}
```

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 #C4E009 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4E009
}
```

Border

The CSS property to change the border of an element to Hex C4E009 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
#C4E009 }
```

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

```
.border{ border-color:#C4E009 }
```

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

Here you see how a box with a 4 pixel #C4E009 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4E009; -webkit-box-shadow:4px 4px  
4px 4px #C4E009; box-shadow:4px 4px 4px  
4px #C4E009 }
```

Background

The CSS property to change the background color of an element to Hex C4E009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4E009 }
```

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

```
.background{ background-color:#C4E009 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor