

Converting Colors

Hex(4CE916)

Have a look what the booklet for
Hex(4CE916) contains.

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Color

Hex(4CE916)

Conversions

Conversions Part 1

Format	Color
Hex	4CE916
RGB	76, 233, 22
RGB Percent	30%, 91%, 9%
CMY	0.7020, 0.0863, 0.9137
CMYK	0.67, 0.00, 0.91, 0.09
HSL	105°, 83%, 50%
HSV	105°, 91%, 91%
XYZ	32.2642, 59.8723, 10.6151
YIQ	162.0030, -25.8410, -98.9050

Conversions

Conversions Part 2

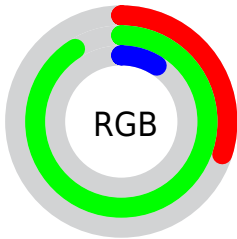
Format	Color
RYB	22, 233, 179
Decimal	5040406
CIELab	81.77, -72.63, 76.52
CIELCh	82, 105.497, 133.505
Yxy	59.8723, 0.3140, 0.5827
Android (android.graphics.Color)	4283230486 (0xFF4CE916)
YUV	162.0030, -69.0215, -75.4246
Hunter-Lab	77.3772, -60.9803, 46.0303

Details

The Hex color **4CE916** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **B316E9**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **91FF5E**, and **00B000** is the 20% darker color. If you saturate the color by 10%, you get **3CE900**, and if you desaturate by 10%, it is **5DE92D**.

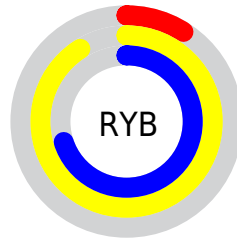
Distribution



Red (30%)

Green (91%)

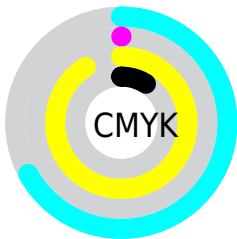
Blue (9%)



Red (9%)

Yellow (91%)

Blue (70%)

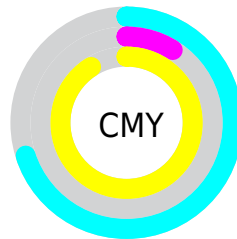


Cyan (67%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (70%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CE916 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 4CE916 by changing the saturation by 10% instead.

 4CE916

 4CE916

FFFFFF

 19CC00

 91FF5E

 00B000

 B1FF7C

 009400

 D0FF99

 007900

 EFFF86

 005F00

 FFFFD4

 004500

 FFFFF2

 002D00

 000C00

 000000

 4CE916


 4CE916

 3CE900

 5DE92D

 6FE945

 80E95C

 91E973

 A3E98B

 B4E9A2

 C5E9B9

 D7E9D0

 E8E9E8

Harmonies

Analogous

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



CBD500



4CE916



00F38F

Triad

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



4CE916



00E6FF



FF50A3

Complementary

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



4CE916



B316E9

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.



FF60FF



4CE916



00C9FF

Square

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



4CE916



00F3FF



FF99FF



FF8144

Rectangle

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



4CE916



00F6D5



FF99FF



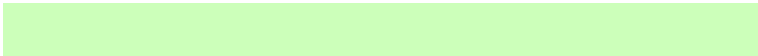
FF4BC4

Sweetspot

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



4CE916



CCFFBA



E9B116



618057



000000



808080

Same Dimension

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



4CE916



41FF00



16E947



6D756A



2EB500



0E3600

Inverse Universe

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



B316E9



BE00FF



E916B8



726A75



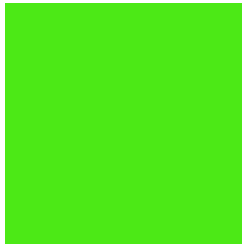
8700B5



280036

Previews

White Background



This preview shows how the Hex color 4CE916 looks on a white background.

Color Contrast Check

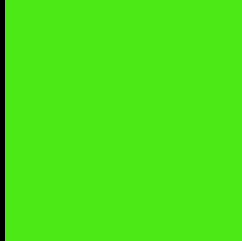
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4CE916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

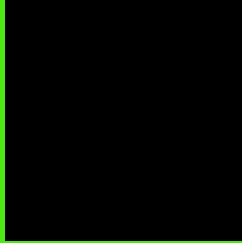
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

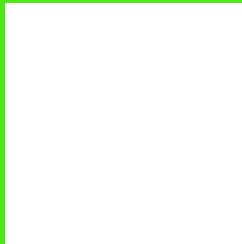
Any Text WCAG AAA ✓ Pass

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

Hex 4CE916 Background



This preview shows how black text looks on a background with the Hex color 4CE916.

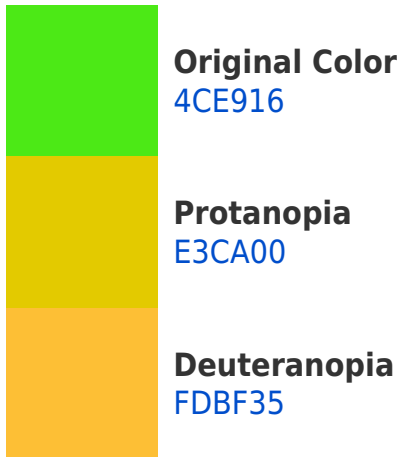


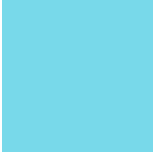
This preview shows how white text looks on a background with the Hex color 4CE916.

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](#).

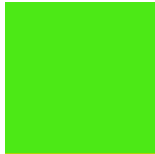
Dichromacy





Tritanopia
78D9EA

Trichromacy



Original Color
4CE916



Protanomaly
ACD508



Deuteranomaly
BDCE2A

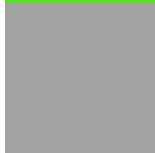


Tritanomaly
68DF9D

Monochromacy



Original Color
4CE916



Achromatopsia
A2A2A2



Achromatomaly
83BC6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CE916 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 #4CE916 looks like.

```
.text, #text, p{  
    color:#4CE916  
}
```

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 #4CE916 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CE916
}
```

Border

The CSS property to change the border of an element to Hex 4CE916 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
#4CE916 }
```

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

```
.border{ border-color:#4CE916 }
```

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

Here you see how a box with a 4 pixel #4CE916 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CE916; -webkit-box-shadow:4px 4px  
4px 4px #4CE916; box-shadow:4px 4px 4px  
4px #4CE916 }
```

Background

The CSS property to change the background color of an element to Hex 4CE916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CE916 }
```

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

```
.background{ background-color:#4CE916 }
```

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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