

Converting Colors

Hex(C4F915)

Have a look what the booklet for
Hex(C4F915) contains.

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Color

Hex(C4F915)

Conversions

Conversions Part 1

Format	Color
Hex	C4F915
RGB	196, 249, 21
RGB Percent	77%, 98%, 8%
CMY	0.2314, 0.0235, 0.9176
CMYK	0.21, 0.00, 0.92, 0.02
HSL	74°, 95%, 53%
HSV	74°, 92%, 98%
XYZ	56.7760, 79.5413, 13.0701
YIQ	207.1610, 41.6000, -82.1440

Conversions

Conversions Part 2

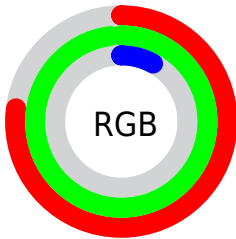
Format	Color
RYB	21, 249, 74
Decimal	12908821
CIELab	91.48, -42.18, 86.65
CIELCh	91, 96.369, 115.954
Yxy	79.5413, 0.3801, 0.5324
Android (android.graphics.Color)	4291098901 (0xFFC4F915)
YUV	207.1610, -91.7774, -9.7882
Hunter-Lab	89.1859, -42.4418, 53.7413

Details

The Hex color **C4F915** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **4A15F9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF63**, and **89C000** is the 20% darker color. If you saturate the color by 10%, you get **BFF900**, and if you desaturate by 10%, it is **CAF92E**.

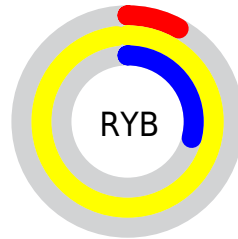
Distribution



Red (77%)

Green (98%)

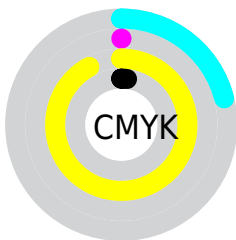
Blue (8%)



Red (8%)

Yellow (98%)

Blue (29%)

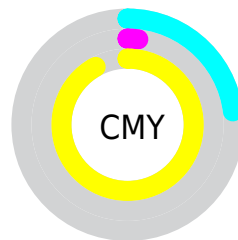


Cyan (21%)

Magenta (0%)

Yellow (92%)

Black (2%)



Cyan (23%)

Magenta (2%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F915 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 C4F915 by changing the saturation by 10% instead.

 C4F915

 C4F915

FFFFFF

 A6DC00

 FFFF63

 89C000

 FFFF81

 6BA500


 FFFF9F

 4E8A00

 FFFFBD

 2E7100

 FFFFDB

 015800

 FFFFF9

 004000

 002A00

 000A00

 C4F915

 C4F915

 BFF900

 CAF92E

 D0F947

 D5F960

 DBF979

 E1F992

 E7F9AA

 EDF9C3

 F2F9DC

 F8F9F5

Harmonies

Analogous

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



FFDE00



C4F915



1DFF78

Triad

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



C4F915



00FFFF



FF87F7

Complementary

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



C4F915



4A15F9

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.



FFA8FF



C4F915



00F5FF

Square

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



C4F915



00FFFF



CBD3FF



FF919B

Rectangle

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



C4F915



00FFB6



CBD3FF



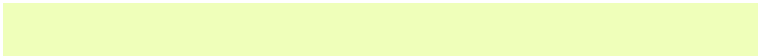
FF8EFF

Sweetspot

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



C4F915



EFFFBA



F94615



768057



000000



808080

Same Dimension

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



C4F915



C4FF00



56F915



7A7D70



91BD00



2F3D00

Inverse Universe

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



4A15F9



3B00FF



B815F9



73707D



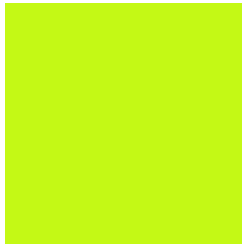
2C00BD



0E003D

Previews

White Background



This preview shows how the Hex color C4F915 looks on a white background.

Color Contrast Check

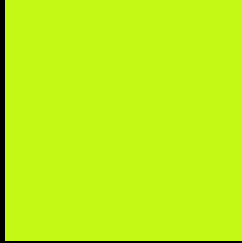
Large Text (above 18pt) WCAG AA × Fail

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 C4F915 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 C4F915 Background



This preview shows how black text looks on a background with the Hex color C4F915.

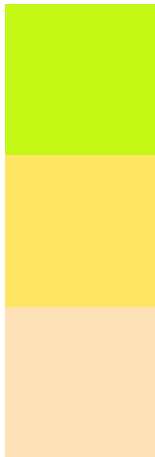


This preview shows how white text looks on a background with the Hex color C4F915.

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
C4F915

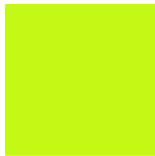
Protanopia
FFE662

Deuteranopia
FFE1B9



Tritanopia
D9E7FA

Trichromacy



Original Color
C4F915



Protanomaly
EAED46



Deuteranomaly
EAEA7D

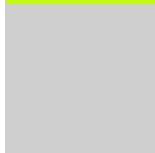


Tritanomaly
D1EEA7

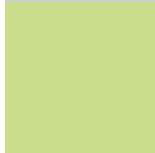
Monochromacy



Original Color
C4F915



Achromatopsia
CFCFCF



Achromatomaly
CBDE8B

CSS Examples

Text

The CSS property to change the color of the text to Hex C4F915 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 #C4F915 looks like.

```
.text, #text, p{  
    color:#C4F915  
}
```

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 #C4F915 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F915
}
```

Border

The CSS property to change the border of an element to Hex C4F915 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
#C4F915 }
```

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

```
.border{ border-color:#C4F915 }
```

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

Here you see how a box with a 4 pixel #C4F915 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F915; -webkit-box-shadow:4px 4px  
4px 4px #C4F915; box-shadow:4px 4px 4px  
4px #C4F915 }
```

Background

The CSS property to change the background color of an element to Hex C4F915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F915 }
```

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

```
.background{ background-color:#C4F915 }
```

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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