

Converting Colors

Hex(C4F619)

Have a look what the booklet for
Hex(C4F619) contains.

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Color

Hex(C4F619)

Conversions

Conversions Part 1

Format	Color
Hex	C4F619
RGB	196, 246, 25
RGB Percent	77%, 96%, 10%
CMY	0.2314, 0.0353, 0.9020
CMYK	0.20, 0.00, 0.90, 0.04
HSL	74°, 92%, 53%
HSV	74°, 90%, 96%
XYZ	55.8962, 77.7175, 12.9746
YIQ	205.8560, 41.1410, -79.3310

Conversions

Conversions Part 2

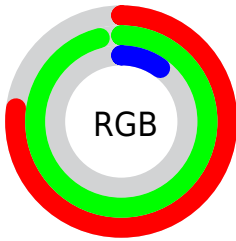
Format	Color
R _Y B	25, 246, 75
Decimal	12908057
CIE Lab	90.65, -40.79, 85.46
CIE LCh	91, 94.700, 115.517
Yxy	77.7175, 0.3813, 0.5302
Android (android.graphics.Color)	4291098137 (0xFFC4F619)
YUV	205.8560, -89.1620, -8.6437
Hunter-Lab	88.1575, -41.0979, 52.9842

Details

The Hex color **C4F619** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4B19F6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF64**, and **89BE00** is the 20% darker color. If you saturate the color by 10%, you get **BEF600**, and if you desaturate by 10%, it is **CAF632**.

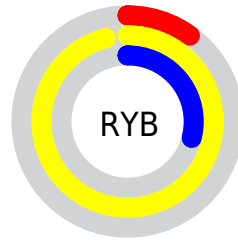
Distribution



Red (77%)

Green (96%)

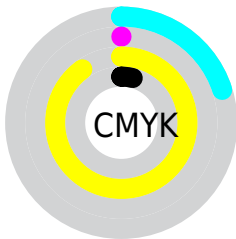
Blue (10%)



Red (10%)

Yellow (96%)

Blue (29%)

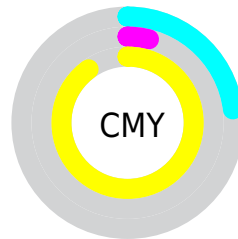


Cyan (20%)

Magenta (0%)

Yellow (90%)

Black (4%)



Cyan (23%)

Magenta (4%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4F619 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 C4F619 by changing the saturation by 10% instead.

 C4F619

 C4F619

FFFFFF

 A6D900

 FFFF64

 89BE00

 FFFF82

 6BA200

 FFFFA0

 4E8800

 FFFFBD

 2F6E00

 FFFFDB

 055500

 FFFFF9

 003D00

 002800

 000400

 C4F619

 C4F619

 BEF600

 CAF632

 CFF64A

 D5F663

 DAF67B

 E0F694

 E5F6AD

 EBF6C5

 F1F6DE

 F6F6F6

Harmonies

Analogous

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



FFDB00



C4F619



2CFF77

Triad

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



C4F619



00FFFF



FF87F6

Complementary

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



C4F619



4B19F6

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.



FFA7FF



C4F619



00F3FF

Square

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



C4F619



00FFFF



C7D2FF



FF909C

Rectangle

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



C4F619



00FFB4



C7D2FF



FF8FFF

Sweetspot

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



C4F619



EFFFBA



F64919



768057



000000



808080

Same Dimension

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



C4F619



C5FF00



58F619



787A6E



90BA00



2D3B00

Inverse Universe

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



4B19F6



3A00FF



B719F6



716E7A



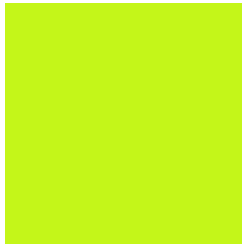
2A00BA



0D003B

Previews

White Background



This preview shows how the Hex color C4F619 looks on a white background.

Color Contrast Check

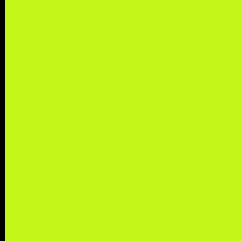
Large Text (above 18pt) WCAG AA × Fail

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 C4F619 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 C4F619 Background



This preview shows how black text looks on a background with the Hex color C4F619.

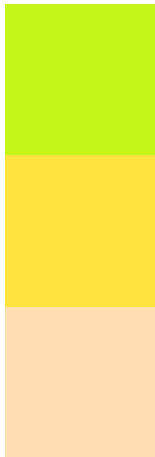


This preview shows how white text looks on a background with the Hex color C4F619.

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
C4F619

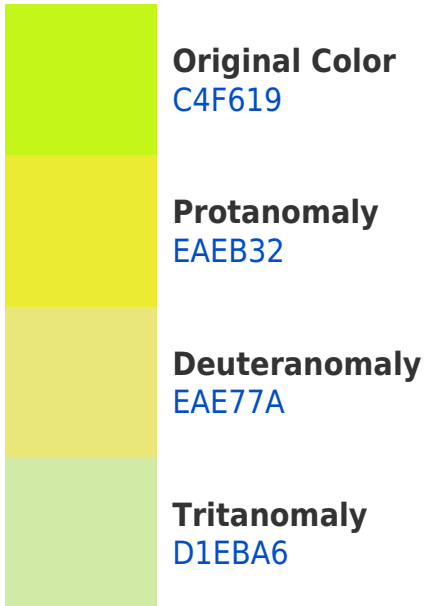
Protanopia
FFE440

Deuteranopia
FFDEB2

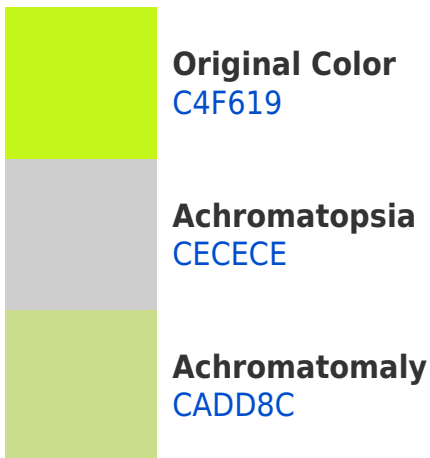


Tritanopia
D9E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4F619 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 #C4F619 looks like.

```
.text, #text, p{  
    color:#C4F619  
}
```

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 #C4F619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4F619
}
```

Border

The CSS property to change the border of an element to Hex C4F619 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
#C4F619 }
```

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

```
.border{ border-color:#C4F619 }
```

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

Here you see how a box with a 4 pixel #C4F619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4F619; -webkit-box-shadow:4px 4px  
4px 4px #C4F619; box-shadow:4px 4px 4px  
4px #C4F619 }
```

Background

The CSS property to change the background color of an element to Hex C4F619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4F619 }
```

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

```
.background{ background-color:#C4F619 }
```

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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