

Converting Colors

Hex(4FCE19)

Have a look what the booklet for
Hex(4FCE19) contains.

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Color

Hex(4FCE19)

Conversions

Conversions Part 1

Format	Color
Hex	4FCE19
RGB	79, 206, 25
RGB Percent	31%, 81%, 10%
CMY	0.6902, 0.1922, 0.9020
CMYK	0.62, 0.00, 0.88, 0.19
HSL	102°, 78%, 45%
HSV	102°, 88%, 81%
XYZ	25.4712, 45.8751, 8.4320
YIQ	147.3930, -17.5910, -83.2150

Conversions

Conversions Part 2

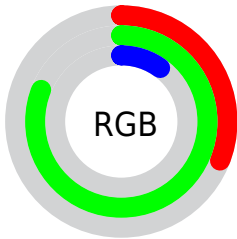
Format	Color
RYB	25, 206, 152
Decimal	5230105
CIELab	73.46, -63.26, 69.00
CIELCh	73, 93.612, 132.516
Yxy	45.8751, 0.3193, 0.5750
Android (android.graphics.Color)	4283420185 (0xFF4FCE19)
YUV	147.3930, -60.3397, -59.9807
Hunter-Lab	67.7311, -51.4021, 40.0306

Details

The Hex color **4FCE19** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9819CE**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8EFF5B**, and **009600** is the 20% darker color. If you saturate the color by 10%, you get **41CE04**, and if you desaturate by 10%, it is **5DCE2E**.

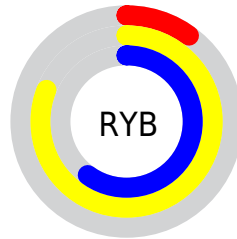
Distribution



Red (31%)

Green (81%)

Blue (10%)



Red (10%)

Yellow (81%)

Blue (60%)

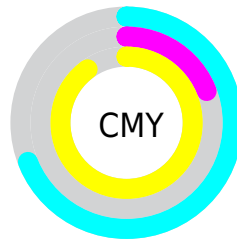


Cyan (62%)

Magenta (0%)

Yellow (88%)

Black (19%)



Cyan (69%)

Magenta (19%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCE19 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 4FCE19 by changing the saturation by 10% instead.

 4FCE19

 4FCE19

FFFFFF

 28B200

 8EFF5B

 009600

 ADFF77

 007C00

 CBFF94

 006100

 EAFFB0

 004800

 FFFFCD

 003100

 FFFFEB

 001400

 000000

 4FCE19

 4FCE19

 41CE04

 5DCE2E

 3DCE00

 6CCE42

 7ACE57

 89CE6B

 97CE80

 A6CE95

 B4CEA9

 C3CEBE

 D1CED2

Harmonies

Analogous

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



B8BC00



4FCE19



00D77D

Triad

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



4FCE19



00CCFF



FF4D94

Complementary

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



4FCE19



9819CE

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.



FF5BEA



4FCE19



00B3FF

Square

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



4FCE19



00D8FF



E38BFF



FF7342

Rectangle

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



4FCE19



00DABA



E38BFF



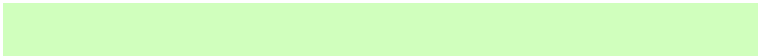
FF4AB1

Sweetspot

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



4FCE19



D0FFBD



CE9819



648058



000000



808080

Same Dimension

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



4FCE19



4CFF00



19CE3D



5F665C



31A600



0B2600

Inverse Universe

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



9819CE



B300FF



CE19AA



635C66



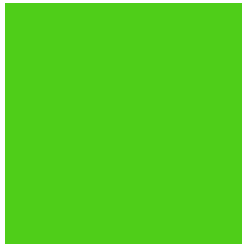
7400A6



1B0026

Previews

White Background



This preview shows how the Hex color 4FCE19 looks on a white background.

Color Contrast Check

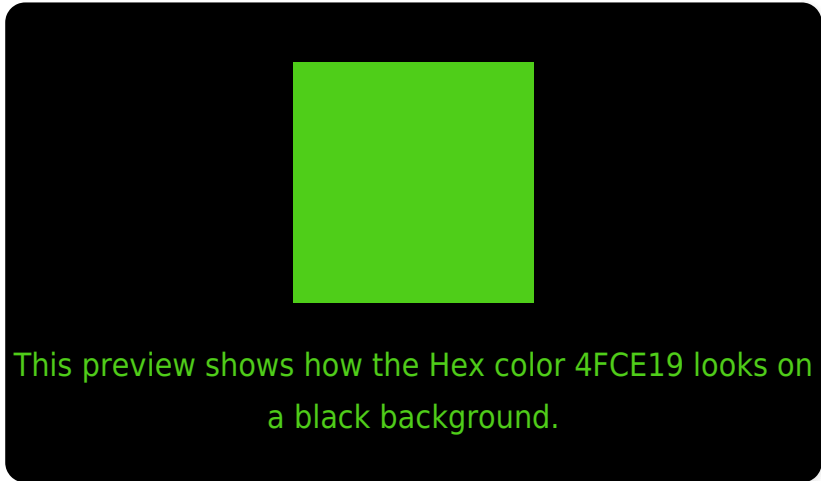
Large Text (above 18pt) WCAG AA × Fail

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 4FCE19 Background



This preview shows how black text looks on a background with the Hex color 4FCE19.

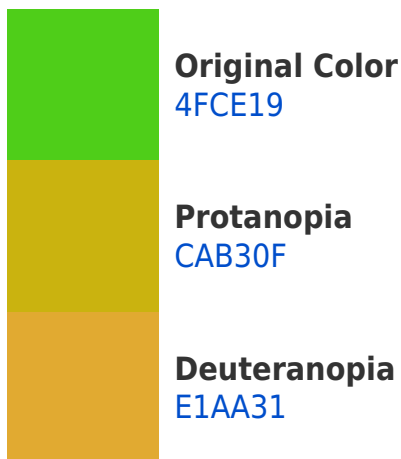


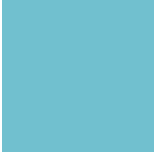
This preview shows how white text looks on a background with the Hex color 4FCE19.

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
71C0CF

Trichromacy



Original Color
4FCE19



Protanomaly
9DBD13



Deuteranomaly
ACB728



Tritanomaly
65C58D

Monochromacy



Original Color
4FCE19



Achromatopsia
939393



Achromatomaly
7AA867

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCE19 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 #4FCE19 looks like.

```
.text, #text, p{  
    color:#4FCE19  
}
```

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 #4FCE19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCE19  
}
```

Border

The CSS property to change the border of an element to Hex 4FCE19 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  
#4FCE19 }
```

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

```
.border{ border-color:#4FCE19 }
```

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

Here you see how a box with a 4 pixel #4FCE19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCE19; -webkit-box-shadow:4px 4px  
4px 4px #4FCE19; box-shadow:4px 4px 4px  
4px #4FCE19 }
```

Background

The CSS property to change the background color of an element to Hex 4FCE19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCE19 }
```

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

```
.background{ background-color:#4FCE19 }
```

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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