

Converting Colors

Hex(4FC500)

Have a look what the booklet for
Hex(4FC500) contains.

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Color

Hex(4FC500)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4FC500 |
| RGB | 79, 197, 0 |
| RGB Percent | 31%, 77%, 0% |
| CMY | 0.6902, 0.2275, 1.0000 |
| CMYK | 0.60, 0.00, 1.00, 0.23 |
| HSL | 96°, 100%, 39% |
| HSV | 96°, 100%, 77% |
| XYZ | 23.1907, 41.5948, 6.8063 |
| YIQ | 139.2600, -7.0910, -86.2830 |

Conversions

Conversions Part 2

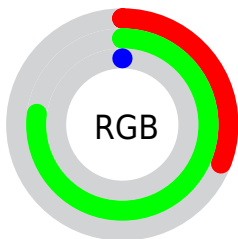
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 197, 118 |
| Decimal | 5227776 |
| CIELab | 70.59, -60.80, 69.92 |
| CIELCh | 71, 92.657, 131.009 |
| Yxy | 41.5948, 0.3239, 0.5810 |
| Android (android.graphics.Color) | 4283417856 (0xFF4FC500) |
| YUV | 139.2600, -68.6552, -52.8480 |
| Hunter-Lab | 64.4940, -48.6796, 38.8887 |

Details

The Hex color **4FC500** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7600C5**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **8DFF50**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **4FC500**, and if you desaturate by 10%, it is **5BC514**.

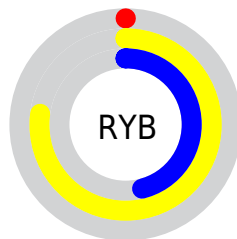
Distribution



Red (31%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (46%)

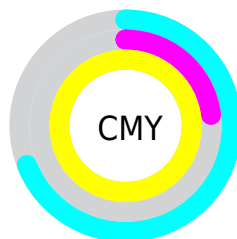


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (69%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FC500 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 4FC500 by changing the saturation by 10% instead.

 4FC500

 4FC500

FFFFFF

 2AA900


 8DFF50

 008E00

 ACFF6D

 007300

 CAFF8A

 005A00

 E8FFA6

 004100

 FFFFC3

 002900

 FFFFEO

 000400

FFFFFFE

 000000

 4FC500

 5BC514

 67C527

 72C53B

 7EC54F

 8AC563

 96C576

 A2C58A

 ADC59E

 B9C5B1

Harmonies

Analogous

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



B4B300



4FC500



00CE72

Triad

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



4FC500



00C5FF



FF4392

Complementary

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



4FC500



7600C5

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.



FF55E6



4FC500



00ADFF

Square

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



4FC500



00CFFF



D486FF



FF6A40

Rectangle

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



4FC500



00D1AD



D486FF



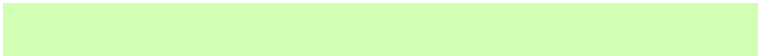
FF41AE

Sweetspot

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



4FC500



D1FFB3



C57300



648052



000000



808080

Same Dimension

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



4FC500



66FF00



00C510



5D635A



41A300



0E2400

Inverse Universe

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



7600C5



9900FF



C500B5



5F5A63



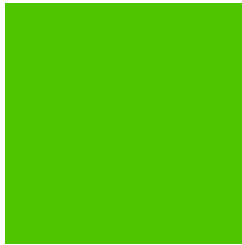
6200A3



150024

Previews

White Background



This preview shows how the Hex color 4FC500 looks on a white background.

Color Contrast Check

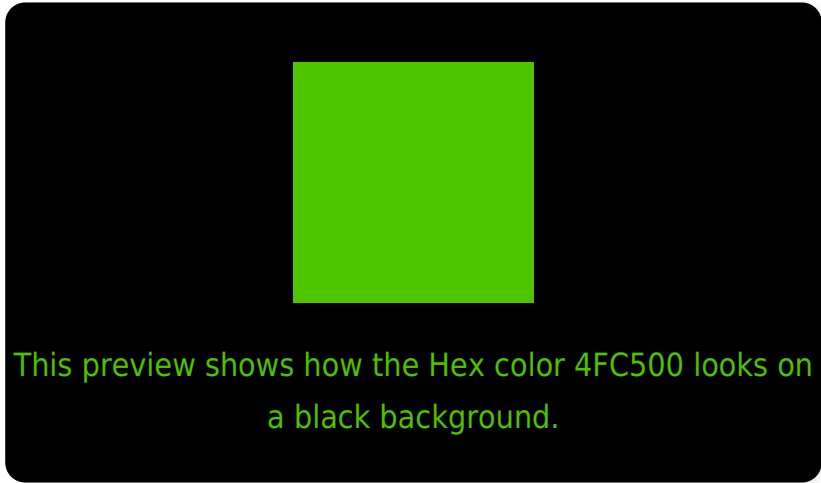
Large Text (above 18pt) WCAG AA × Fail

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 4FC500 Background



This preview shows how black text looks on a background with the Hex color 4FC500.

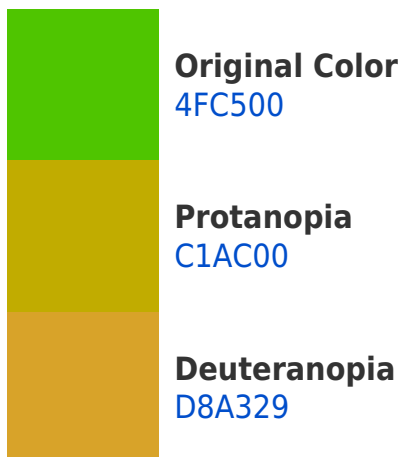


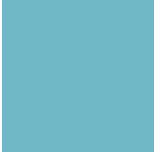
This preview shows how white text looks on a background with the Hex color 4FC500.

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
6FB7C6

Trichromacy



Original Color
4FC500



Protanomaly
98B500



Deuteranomaly
A6AF1A



Tritanomaly
63BC7E

Monochromacy



Original Color
4FC500



Achromatopsia
8B8B8B



Achromatomaly
75A058

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FC500 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 #4FC500 looks like.

```
.text, #text, p{  
    color:#4FC500  
}
```

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 #4FC500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FC500
}
```

Border

The CSS property to change the border of an element to Hex 4FC500 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
#4FC500 }
```

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

```
.border{ border-color:#4FC500 }
```

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

Here you see how a box with a 4 pixel #4FC500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FC500; -webkit-box-shadow:4px 4px  
4px 4px #4FC500; box-shadow:4px 4px 4px  
4px #4FC500 }
```

Background

The CSS property to change the background color of an element to Hex 4FC500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FC500 }
```

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

```
.background{ background-color:#4FC500 }
```

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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