

Converting Colors

Hex(4FBF00)

Have a look what the booklet for
Hex(4FBF00) contains.

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Color

Hex(4FBF00)

Conversions

Conversions Part 1

Format	Color
Hex	4FBF00
RGB	79, 191, 0
RGB Percent	31%, 75%, 0%
CMY	0.6902, 0.2510, 1.0000
CMYK	0.59, 0.00, 1.00, 0.25
HSL	95°, 100%, 37%
HSV	95°, 100%, 75%
XYZ	21.8553, 38.9239, 6.3612
YIQ	135.7380, -5.4410, -83.1450

Conversions

Conversions Part 2

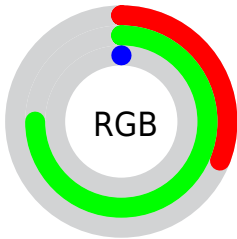
Format	Color
RYB	0, 191, 112
Decimal	5226240
CIELab	68.70, -58.75, 68.42
CIELCh	69, 90.184, 130.650
Yxy	38.9239, 0.3255, 0.5797
Android (android.graphics.Color)	4283416320 (0xFF4FBF00)
YUV	135.7380, -66.9188, -49.7592
Hunter-Lab	62.3890, -46.6511, 37.6271

Details

The Hex color **4FBF00** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **7000BF**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8DF84F**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **4FBF00**, and if you desaturate by 10%, it is **5ABF13**.

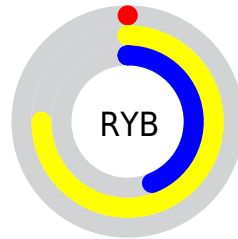
Distribution



Red (31%)

Green (75%)

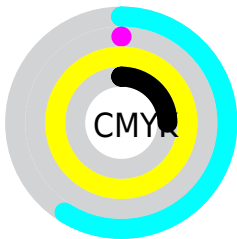
Blue (0%)



Red (0%)

Yellow (75%)

Blue (44%)

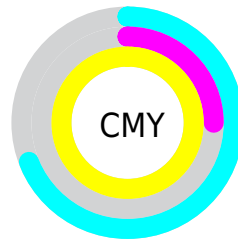


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (69%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FBF00 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 4FBF00 by changing the saturation by 10% instead.

 4FBF00

 4FBF00


FFFFFF

 2BA300

 8DF84F

 008800

 AAFF6C

 006E00

 C8FF88

 005400

 E7FFA4

 003C00

 FFFFC1

 002500

 FFFFDE

 000000

 FFFFFC

 4FBF00

 5ABF13

 65BF26

 71BF39

 7CBF4C

 87BF60

 92BF73

 9DBF86

 A9BF99

 B4BFAC

Harmonies

Analogous

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



AFAD00



4FBF00



00C86E

Triad

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



4FBF00



00BFFF



FF428E

Complementary

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



4FBF00



7000BF

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.



FF54E0



4FBF00



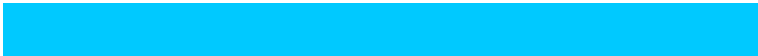
00A8FF

Square

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



4FBF00



00C9FF



CD82FF



FF6640

Rectangle

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



4FBF00



00CBA7



CD82FF



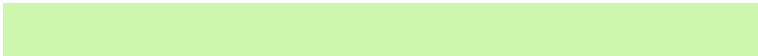
FF41A9

Sweetspot

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



4FBF00



CCF7AD



BF6F00



637D50



FCFCFC



7D7D7D

Same Dimension

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



4FBF00



66F700



00BF10



595E55



419E00



0D1F00

Inverse Universe

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



7000BF



9100F7



BF00AF



5A555E



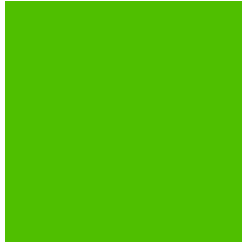
5D009E



12001F

Previews

White Background



This preview shows how the Hex color 4FBF00 looks on a white background.

Color Contrast Check

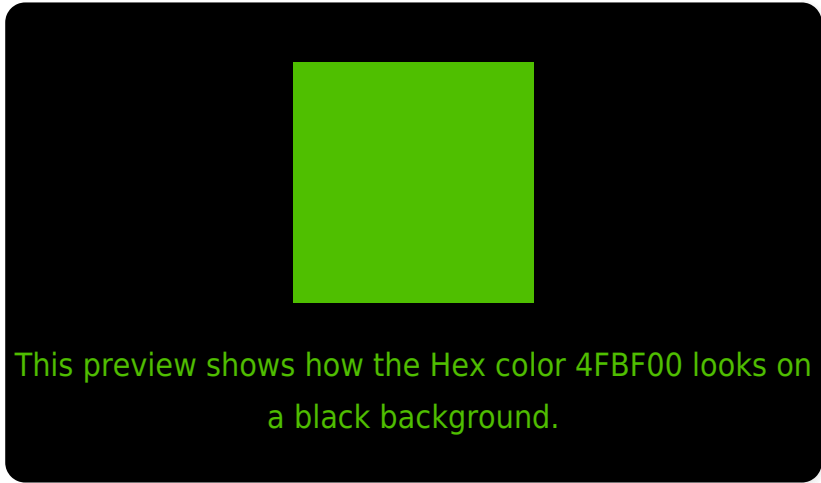
Large Text (above 18pt) WCAG AA × Fail

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 4FBF00 Background



This preview shows how black text looks on a background with the Hex color 4FBF00.

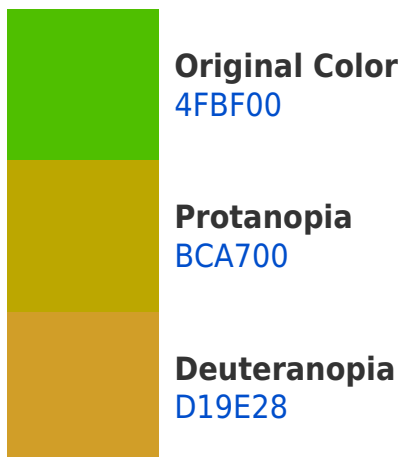


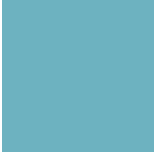
This preview shows how white text looks on a background with the Hex color 4FBF00.

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](#).

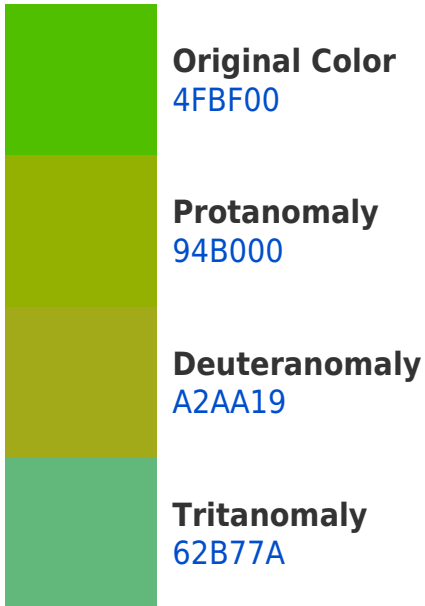
Dichromacy





Tritanopia
6DB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FBF00 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 #4FBF00 looks like.

```
.text, #text, p{  
    color:#4FBF00  
}
```

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 #4FBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FBF00
}
```

Border

The CSS property to change the border of an element to Hex 4FBF00 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
#4FBF00 }
```

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

```
.border{ border-color:#4FBF00 }
```

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

Here you see how a box with a 4 pixel #4FBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FBF00; -webkit-box-shadow:4px 4px  
4px 4px #4FBF00; box-shadow:4px 4px 4px  
4px #4FBF00 }
```

Background

The CSS property to change the background color of an element to Hex 4FBF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FBF00 }
```

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

```
.background{ background-color:#4FBF00 }
```

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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