

Converting Colors

Hex(4DFA02)

Have a look what the booklet for
Hex(4DFA02) contains.

Hex(4DFA02)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4DFA02)

Conversions

Conversions Part 1

Format	Color
Hex	4DFA02
RGB	77, 250, 2
RGB Percent	30%, 98%, 1%
CMY	0.6980, 0.0196, 0.9922
CMYK	0.69, 0.00, 0.99, 0.02
HSL	102°, 98%, 49%
HSV	102°, 99%, 98%
XYZ	37.2571, 69.9534, 11.5961
YIQ	170.0010, -23.5000, -113.8040

Conversions

Conversions Part 2

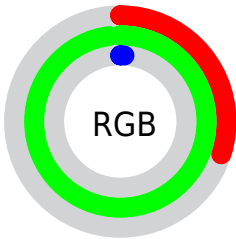
Format	Color
RYB	2, 250, 175
Decimal	5110274
CIELab	86.97, -77.93, 82.74
CIELCh	87, 113.660, 133.284
Yxy	69.9534, 0.3136, 0.5888
Android (android.graphics.Color)	4283300354 (0xFF4DFA02)
YUV	170.0010, -82.8245, -81.5619
Hunter-Lab	83.6381, -66.8528, 50.3263

Details

The Hex color **4DFA02** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **AF02FA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **95FF5C**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **4CFA00**, and if you desaturate by 10%, it is **5EFA1B**.

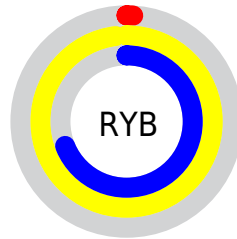
Distribution



Red (30%)

Green (98%)

Blue (1%)



Red (1%)

Yellow (98%)

Blue (69%)

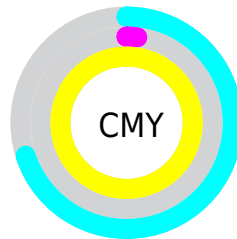


Cyan (69%)

Magenta (0%)

Yellow (99%)

Black (2%)



Cyan (70%)

Magenta (2%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DFA02 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 4DFA02 by changing the saturation by 10% instead.

 4DFA02

 4DFA02

FFFFFF

 12DD00

 95FF5C

 00C000

 B5FF7B

 00A400

 D5FF98

 008800

 F5FFB6

 006D00

 FFFFD4

 005300

 FFFFF2

 003B00

 002000

 000000

 4DFA02

 4DFA02

 4CFA00

 5EFA1B

 70FA34

 81FA4D

 93FA66

 A4FA7F

 B6FA98

 C7FAB1

 D9FACA

 EAFAE3

Harmonies

Analogous

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



DAE400



4DFA02



00FF97

Triad

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



4DFA02



00F7FF



FF4EAF

Complementary

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



4DFA02



AF02FA

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.



FF61FF



4DFA02



00D7FF

Square

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



4DFA02



00FFFF



FFA3FF



FF8746

Rectangle

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



4DFA02



00FFE3



FFA3FF



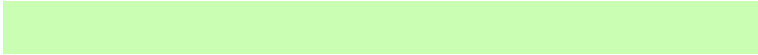
FF48D3

Sweetspot

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



4DFA02



CAFFB3



FAAB02



5F8052



000000



808080

Same Dimension

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



4DFA02



4DFF00



02FA2F



747D70



39BD00



133D00

Inverse Universe

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



AF02FA



B200FF



FA02CD



79707D



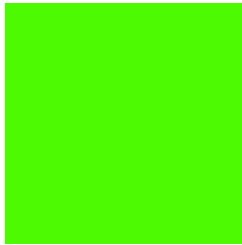
8400BD



2B003D

Previews

White Background



This preview shows how the Hex color 4DFA02 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 4DFA02 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

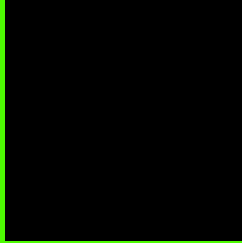
Any Text WCAG AA ✓ Pass

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 4DFA02 Background



This preview shows how black text looks on a background with the Hex color 4DFA02.



This preview shows how white text looks on a background with the Hex color 4DFA02.

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](#).

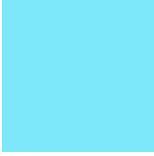
Dichromacy



Original Color
4DFA02

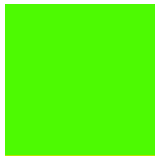
Protanopia
F3D800

Deuteranopia
FFD086



Tritanopia
7EE8FB

Trichromacy



Original Color
4DFA02



Protanomaly
B7E401

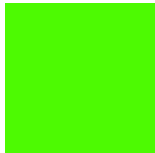


Deuteranomaly
BEDF56

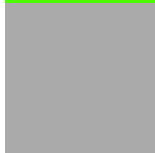


Tritanomaly
6CEFA0

Monochromacy



Original Color
4DFA02



Achromatopsia
AAAAAA



Achromatomaly
88C76D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DFA02 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 #4DFA02 looks like.

```
.text, #text, p{  
    color:#4DFA02  
}
```

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 #4DFA02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DFA02
}
```

Border

The CSS property to change the border of an element to Hex 4DFA02 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
#4DFA02 }
```

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

```
.border{ border-color:#4DFA02 }
```

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

Here you see how a box with a 4 pixel #4DFA02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DFA02; -webkit-box-shadow:4px 4px  
4px 4px #4DFA02; box-shadow:4px 4px 4px  
4px #4DFA02 }
```

Background

The CSS property to change the background color of an element to Hex 4DFA02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DFA02 }
```

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

```
.background{ background-color:#4DFA02 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor