

Converting Colors

Hex(41FA00)

Have a look what the booklet for
Hex(41FA00) contains.

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Color

Hex(41FA00)

Conversions

Conversions Part 1

Format	Color
Hex	41FA00
RGB	65, 250, 0
RGB Percent	25%, 98%, 0%
CMY	0.7451, 0.0196, 1.0000
CMYK	0.74, 0.00, 1.00, 0.02
HSL	104°, 100%, 49%
HSV	104°, 100%, 98%
XYZ	36.3656, 69.4950, 11.4972
YIQ	166.1850, -30.0100, -116.9700

Conversions

Conversions Part 2

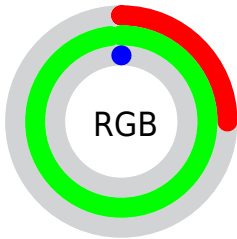
Format	Color
RYB	0, 250, 185
Decimal	4323840
CIELab	86.75, -79.90, 82.62
CIELCh	87, 114.935, 134.040
Yxy	69.4950, 0.3099, 0.5922
Android (android.graphics.Color)	4282513920 (0xFF41FA00)
YUV	166.1850, -81.9292, -88.7392
Hunter-Lab	83.3637, -68.0197, 50.1775

Details

The Hex color **41FA00** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **B900FA**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8DFF5B**, and **00C000** is the 20% darker color. If you saturate the color by 10%, you get **41FA00**, and if you desaturate by 10%, it is **53FA19**.

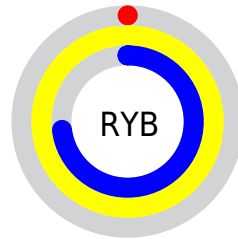
Distribution



Red (25%)

Green (98%)

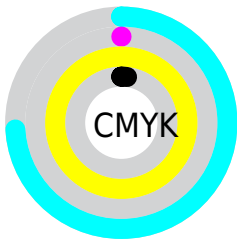
Blue (0%)



Red (0%)

Yellow (98%)

Blue (73%)

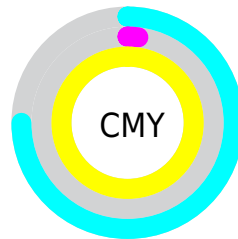


Cyan (74%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (75%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41FA00 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 41FA00 by changing the saturation by 10% instead.

 41FA00

 41FA00

FFFFFF

 00DD00

 8DFF5B

 00C000

 AEFF7A

 00A400

 CEFF98

 008800

 EFFF86

 006D00

 FFFFD3

 005300

 FFFFF2

 003A00

 001F00

 000000

 41FA00

 53FA19

 66FA32

 78FA4B

 8BFA64

 9DFA7D

 B0FA96

 C2FAAF

 D5FAC8

 E7FAE1

Harmonies

Analogous

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



D6E400



41FA00



00FF99

Triad

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



41FA00



00F6FF



FF49AB

Complementary

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



41FA00



B900FA

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.



FF5CFF



41FA00



00D6FF

Square

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



41FA00



00FFFF



FFA0FF



FF8640

Rectangle

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



41FA00



00FFE6



FFA0FF



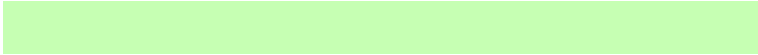
FF42CF

Sweetspot

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



41FA00



C6FFB3



FAB700



5E8052



000000



808080

Same Dimension

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



41FA00



42FF00



00FA3A



747D70



31BD00



103D00

Inverse Universe

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



B900FA



BD00FF



FA00C0



7A707D



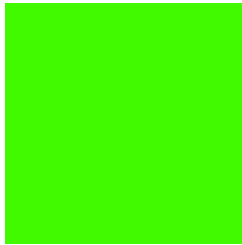
8C00BD



2D003D

Previews

White Background



This preview shows how the Hex color 41FA00 looks on a white background.

Color Contrast Check

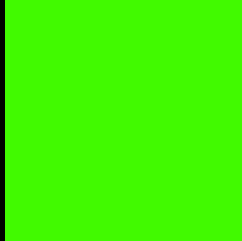
Large Text (above 18pt) WCAG AA × Fail

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 41FA00 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

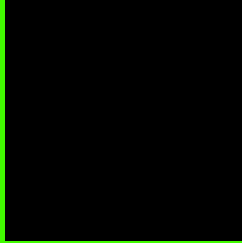
Any Text WCAG AA ✓ Pass

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 41FA00 Background



This preview shows how black text looks on a background with the Hex color 41FA00.

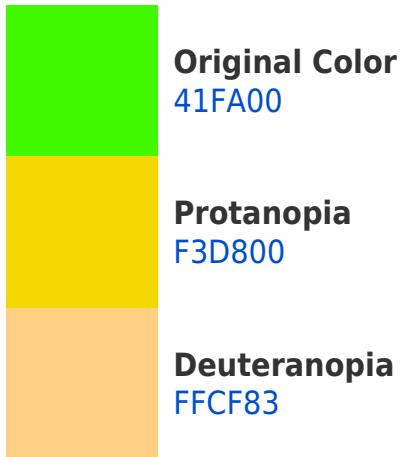


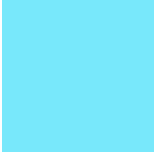
This preview shows how white text looks on a background with the Hex color 41FA00.

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](#).

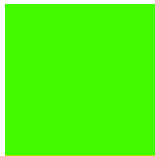
Dichromacy





Tritanopia
78E8FB

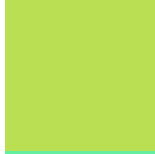
Trichromacy



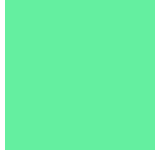
Original Color
41FA00



Protanomaly
B2E400



Deuteranomaly
BADF53

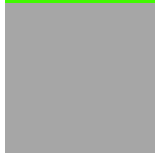


Tritanomaly
64EFA0

Monochromacy



Original Color
41FA00



Achromatopsia
A6A6A6



Achromatomaly
81C56A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41FA00 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 #41FA00 looks like.

```
.text, #text, p{  
    color:#41FA00  
}
```

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 #41FA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41FA00  
}
```

Border

The CSS property to change the border of an element to Hex 41FA00 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  
#41FA00 }
```

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

```
.border{ border-color:#41FA00 }
```

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

Here you see how a box with a 4 pixel #41FA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41FA00; -webkit-box-shadow:4px 4px  
4px 4px #41FA00; box-shadow:4px 4px 4px  
4px #41FA00 }
```

Background

The CSS property to change the background color of an element to Hex 41FA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41FA00 }
```

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

```
.background{ background-color:#41FA00 }
```

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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