

# Converting Colors

Hex(44F400)

Have a look what the booklet for  
Hex(44F400) contains.

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**Color**

**Hex(44F400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44F400
RGB	68, 244, 0
RGB Percent	27%, 96%, 0%
CMY	0.7333, 0.0431, 1.0000
CMYK	0.72, 0.00, 1.00, 0.04
HSL	103°, 100%, 48%
HSV	103°, 100%, 96%
XYZ	34.7346, 65.9303, 10.8951
YIQ	163.5600, -26.5720, -113.1960

# Conversions

## Conversions Part 2

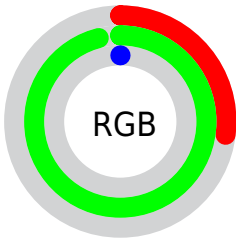
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 244, 176
Decimal	4518912
CIELab	84.96, -77.70, 81.22
CIELCh	85, 112.402, 133.732
Yxy	65.9303, 0.3114, 0.5910
Android (android.graphics.Color)	4282708992 (0xFF44F400)
YUV	163.5600, -80.6351, -83.8061
Hunter-Lab	81.1975, -65.7370, 48.8827

# Details

The Hex color **44F400** 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 **B000F4**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **8EFF5A**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **44F400**, and if you desaturate by 10%, it is **56F418**.

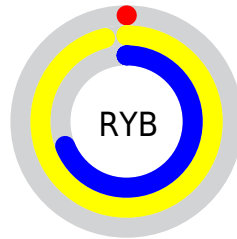
# Distribution



Red (27%)

Green (96%)

Blue (0%)



Red (0%)

Yellow (96%)

Blue (69%)

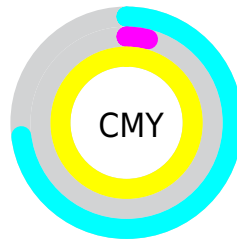


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (73%)

Magenta (4%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44F400 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 44F400 by changing the saturation by 10% instead.



 44F400

 44F400


FFFFFF

 00D700

 8EFF5A

 00BA00

 AEFF79

 009E00

 CEFF96

 008300

 EEFFB4

 006800

 FFFFD2

 004E00

 FFFFF0

 003500

 001A00

 000000

 44F400

 56F418

 67F431

 79F449

 8AF462

 9CF47A

 AEF492

 BFF4AB

 D1F4C3

 E2F4DC

# Harmonies

## Analogous

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



D2DF00



44F400



00FE94

# Triad

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



44F400



00F1FF



FF49A9

# Complementary

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



44F400



B000F4

# 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.



FF5BFF



44F400



00D1FF

# Square

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



44F400



00FFFF



FF9DFF



FF8341

# Rectangle

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



44F400



00FFDF



FF9DFF



FF42CC

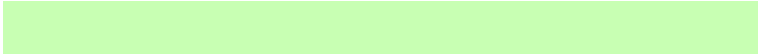


# Sweetspot

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



44F400



C8FFB3



F4AF00



5E8052



000000



808080



# Same Dimension

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



44F400



47FF00



00F435



727A6E



34BA00



103B00



# Inverse Universe

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



B000F4



B800FF



F400BF



776E7A



8600BA

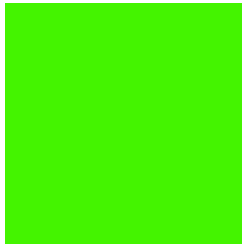


2A003B



# Previews

## White Background



This preview shows how the Hex color 44F400 looks on a white background.

## Color Contrast Check

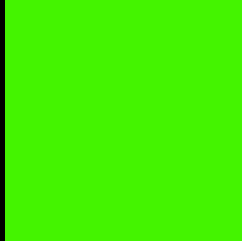
Large Text (above 18pt) WCAG AA × Fail

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 44F400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

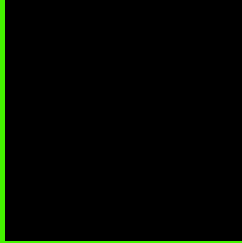
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44F400 Background



This preview shows how black text looks on a background with the Hex color 44F400.



This preview shows how white text looks on a background with the Hex color 44F400.

# 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](#).

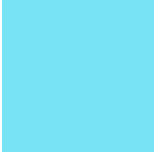
## Dichromacy



**Original Color**  
44F400

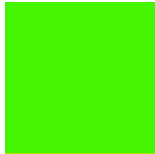
**Protanopia**  
EED300

**Deuteranopia**  
FFC96B



**Tritanopia**  
78E3F5

# Trichromacy



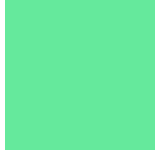
**Original Color**  
44F400



**Protanomaly**  
B0DF00

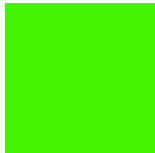


**Deuteranomaly**  
BBD944

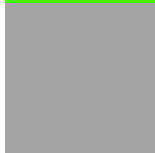


**Tritanomaly**  
65E99C

# Monochromacy



**Original Color**  
44F400



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
81C168

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44F400 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 #44F400 looks like.

```
.text, #text, p{  
    color:#44F400  
}
```

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 #44F400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F400
}
```

## Border

The CSS property to change the border of an element to Hex 44F400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

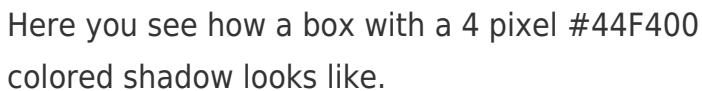
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44F400 }
```

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

```
.border{ border-color:#44F400 }
```

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



Here you see how a box with a 4 pixel #44F400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F400; -webkit-box-shadow:4px 4px  
4px 4px #44F400; box-shadow:4px 4px 4px  
4px #44F400 }
```

# Background

The CSS property to change the background color of an element to Hex 44F400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F400 }
```

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

```
.background{ background-color:#44F400 }
```

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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