

# Converting Colors

Hex(44FCFF)

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

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# **Color**

**Hex(44FCFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44FCFF
RGB	68, 252, 255
RGB Percent	27%, 99%, 100%
CMY	0.7333, 0.0118, 0.0000
CMYK	0.73, 0.01, 0.00, 0.00
HSL	181°, 100%, 63%
HSV	181°, 73%, 100%
XYZ	55.2443, 78.0698, 106.7650
YIQ	197.3260, -110.6270, -38.0750

# Conversions

## Conversions Part 2

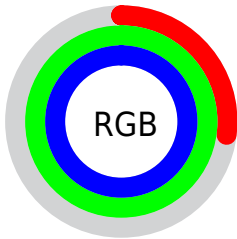
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">68, 161, 255</a>
Decimal	<a href="#">4521215</a>
CIELab	<a href="#">90.81, -43.12, -14.54</a>
CIElCh	<a href="#">91, 45.507, 198.629</a>
Yxy	<a href="#">78.0698, 0.2301, 0.3252</a>
Android (android.graphics.Color)	<a href="#">4282711295</a> ( <a href="#">0xFF44FCFF</a> )
YUV	<a href="#">197.3260, 28.4333, -113.4189</a>
Hunter-Lab	<a href="#">88.3571, -43.0197, -9.7923</a>

# Details

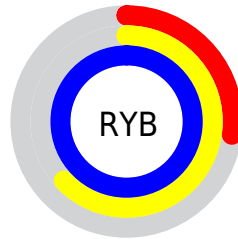
The Hex color **44FCFF** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **FF4744**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **8FFFFFF**, and **00C3C6** is the 20% darker color. If you saturate the color by 10%, you get **2AFCFF**, and if you desaturate by 10%, it is **5DFCFF**.

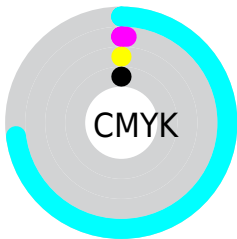
# Distribution



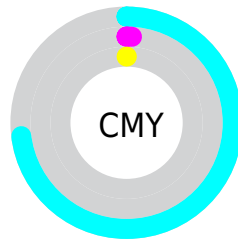
- Red (27%)
- Green (99%)
- Blue (100%)



- Red (27%)
- Yellow (63%)
- Blue (100%)



- Cyan (73%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 44FCFF

 44FCFF

FFFFFF

 00DFE2

 8FFFFFF

 00C3C6

 B0FFFF

 00A7AB

 D1FFFF

 008C91

 F1FFFF

 007277

 00585E

 004047

 002A30


 00071C

 44FCFF

 44FCFF

 2AFCFF

 5DFCFF

 11FBFF

 77FDFF

 00FBFF

 91FDFF

 AAFFFF

 C3FFFF

 DDFFFF

 F6FFFF

FFFFFF

# Harmonies

## Analogous

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



7DFBD2



44FCFF



44F8FF

# Triad

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



44FCFF



FFD0FF



FFDC8F

# Complementary

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



44FCFF



FF4744

# 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.



FFCEA5



44FCFF



FFC5F7

# Square

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



44FCFF



D2DFFF



FFC4CB



E6EB91

# Rectangle

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



44FCFF



71F2FF



FFC4CB



FFD794



# Sweetspot

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



44FCFF



C7FEFF



44FF44



5E7F80



000000



808080



# Same Dimension

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



44FCFF



1FFBFF



44A2FF



737F80



00BCBF



003F40



# Inverse Universe

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



FF44FC



FF1FFB



FFA244



80737F



BF00BC

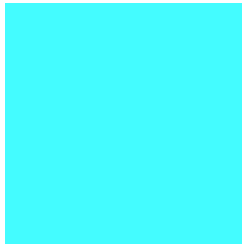


40003F



# Previews

## White Background



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

## Color Contrast Check

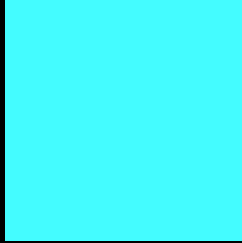
Large Text (above 18pt) WCAG AA × Fail

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 44FCFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

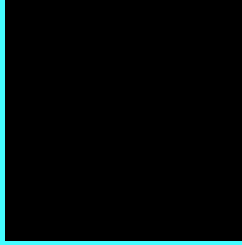
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 44FCFF Background



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

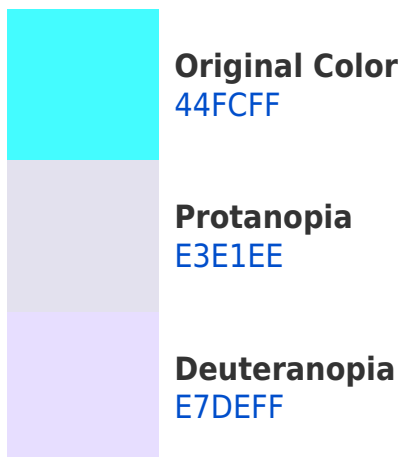


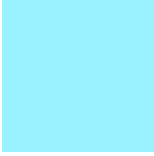
This preview shows how white text looks on a background with the Hex color 44FCFF.

# 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**  
9AF1FF

# Trichromacy



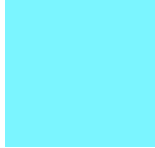
**Original Color**  
44FCFF



**Protanomaly**  
A9EBF4



**Deuteranomaly**  
ACE9FF

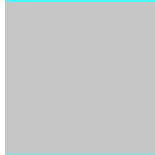


**Tritanomaly**  
7BF5FF

# Monochromacy



**Original Color**  
44FCFF



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
96D9DA

# CSS Examples

## Text

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

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

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 #44FCFF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 44FCFF 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
#44FCFF }
```

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

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

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

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

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

# Background

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

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

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

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

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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