

Converting Colors

Hex(3F44FF)

Have a look what the booklet for
Hex(3F44FF) contains.

Hex(3F44FF)	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(3F44FF)

Conversions

Conversions Part 1

Format	Color
Hex	3F44FF
RGB	63, 68, 255
RGB Percent	25%, 27%, 100%
CMY	0.7529, 0.7333, 0.0000
CMYK	0.75, 0.73, 0.00, 0.00
HSL	238°, 100%, 62%
HSV	238°, 75%, 100%
XYZ	22.1670, 12.4110, 95.8350
YIQ	87.8230, -63.0070, 57.0970

Conversions

Conversions Part 2

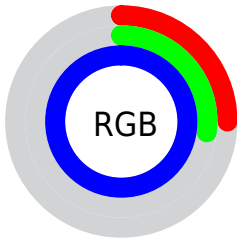
Format	Color
R _Y B	63, 68, 255
Decimal	4146431
CIE Lab	41.86, 58.36, -91.91
CIE LCh	42, 108.873, 302.417
Yxy	12.4110, 0.1700, 0.0952
Android (android.graphics.Color)	4282336511 (0xFF3F44FF)
YUV	87.8230, 82.4183, -21.7698
Hunter-Lab	35.2293, 50.6649, -136.6275

Details

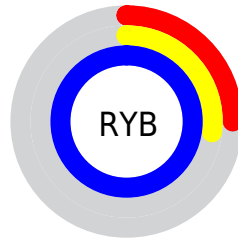
The Hex color **3F44FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FFFA3F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **8B76FF**, and **0014C5** is the 20% darker color. If you saturate the color by 10%, you get **252BFF**, and if you desaturate by 10%, it is **595DFF**.

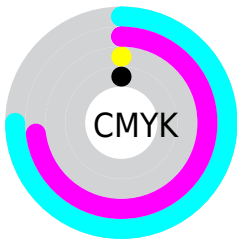
Distribution



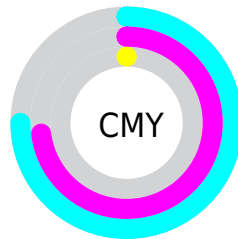
- Red (25%)
- Green (27%)
- Blue (100%)



- Red (25%)
- Yellow (27%)
- Blue (100%)



- Cyan (75%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F44FF 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 3F44FF by changing the saturation by 10% instead.

■ 3F44FF

■ 3F44FF

FFFFFF

■ 002CE2

■ 8B76FF

■ 0014C5

■ AC91FF

■ 0000A8

■ CCACFF

■ 00008D

■ ECC7FF

■ 000472

■ FFE4FF

■ 000D59

■ 000740

■ 000329

■ 000113

■ 3F44FF

■ 3F44FF

■ 252BFF

■ 595DFF

■ 0C12FF

■ 7276FF

■ 0007FF

■ 8C8FFF

■ A5A7FF

■ BFC0FF

■ D8D9FF

■ F2F2FF

FFFFFF

Harmonies

Analogous

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



0070FF



3F44FF



CB00B8

Triad

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



3F44FF



B73400



008168

Complementary

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



3F44FF



FFA3F

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.



007E00



3F44FF



736300

Square

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



3F44FF



E50006



007600



0083C3

Rectangle

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



3F44FF



EB007E



007600



008048

Sweetspot

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



3F44FF



C4C6FF



3FFFF9



5C5D80



000000



808080

Same Dimension

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



3F44FF



191FFF



993FFF



737380



0005BF



000240

Inverse Universe

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



FF3F44



FF191F



A5FF3F



807373



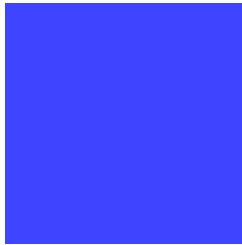
BF0005



400002

Previews

White Background



This preview shows how the Hex color 3F44FF looks on a white background.

Color Contrast Check

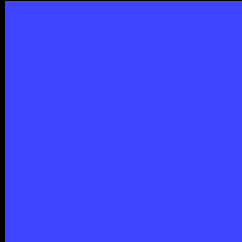
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3F44FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

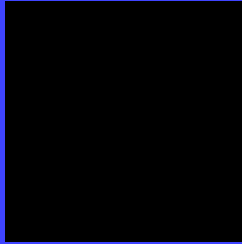
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 3F44FF Background



This preview shows how black text looks on a background with the Hex color 3F44FF.

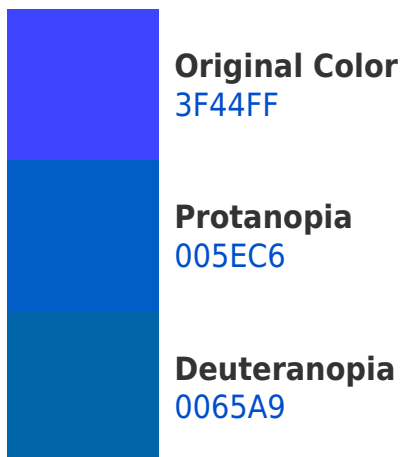


This preview shows how white text looks on a background with the Hex color 3F44FF.

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](#).

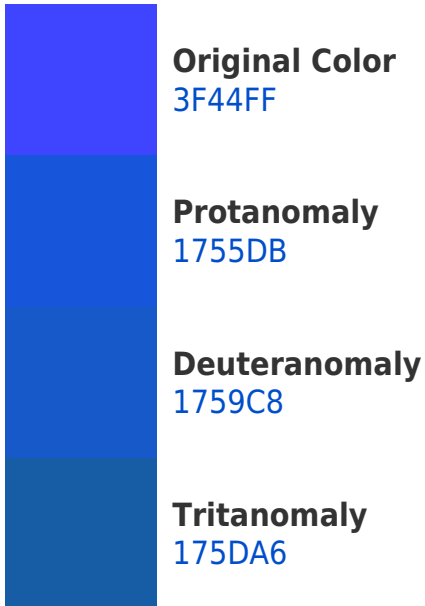
Dichromacy





Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F44FF 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 #3F44FF looks like.

```
.text, #text, p{  
    color:#3F44FF  
}
```

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 #3F44FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F44FF
}
```

Border

The CSS property to change the border of an element to Hex 3F44FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

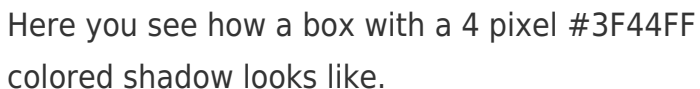
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F44FF }
```

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

```
.border{ border-color:#3F44FF }
```

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



Here you see how a box with a 4 pixel #3F44FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F44FF; -webkit-box-shadow:4px 4px  
4px 4px #3F44FF; box-shadow:4px 4px 4px  
4px #3F44FF }
```

Background

The CSS property to change the background color of an element to Hex 3F44FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F44FF }
```

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

```
.background{ background-color:#3F44FF }
```

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