

Converting Colors

Hex(4743FF)

Have a look what the booklet for
Hex(4743FF) contains.

Hex(4743FF)	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(4743FF)

Conversions

Conversions Part 1

Format	Color
Hex	4743FF
RGB	71, 67, 255
RGB Percent	28%, 26%, 100%
CMY	0.7216, 0.7373, 0.0000
CMYK	0.72, 0.74, 0.00, 0.00
HSL	241°, 100%, 63%
HSV	241°, 74%, 100%
XYZ	22.6557, 12.5739, 95.8407
YIQ	89.6280, -57.9640, 59.3160

Conversions

Conversions Part 2

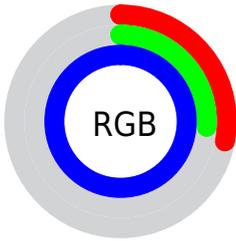
Format	Color
R_{YB}	71, 67, 255
Decimal	4670463
CIE _{Lab}	42.11, 59.52, -91.48
CIE _{LCh}	42, 109.137, 303.052
Yxy	12.5739, 0.1729, 0.0959
Android (android.graphics.Color)	4282860543 (0xFF4743FF)
YUV	89.6280, 81.5284, -16.3368
Hunter-Lab	35.4597, 51.9916, -135.4275

Details

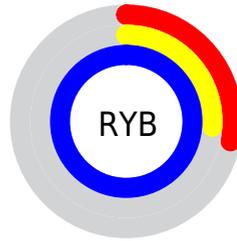
The Hex color **4743FF** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FBFF43**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9076FF**, and **0012C5** is the 20% darker color. If you saturate the color by 10%, you get **2E29FF**, and if you desaturate by 10%, it is **605CFF**.

Distribution



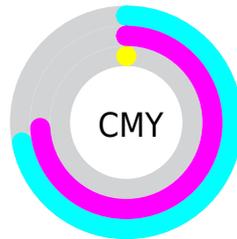
- Red (28%)
- Green (26%)
- Blue (100%)



- Red (28%)
- Yellow (26%)
- Blue (100%)



- Cyan (72%)
- Magenta (74%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (74%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4743FF 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 4743FF by changing the saturation by 10% instead.

 4743FF

 4743FF

FFFFFF

 002BE2

 9076FF

 0012C5

 B190FF

 0000A8

 D1ABFF

 00008D

 F1C7FF

 000272

 FFE3FF

 000D59

 000740

 000329

 000113

■ 4743FF

■ 4743FF

■ 2E29FF

■ 605CFF

■ 1510FF

■ 7976FF

■ 0500FF

■ 9290FF

■ ABA9FF

■ C4C3FF

■ DDDCFF

■ F6F5FF

FFFFFF

Harmonies

Analogous

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



0070FF



4743FF



CE00B7

Triad

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



4743FF



B73600



00826B

Complementary

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



4743FF



FBFF43

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



4743FF



726400

Square

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



4743FF



E60003



007700



0084C6

Rectangle

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



4743FF



ED007D



007700



00814B

Sweetspot

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



4743FF



C8C7FF



43FCFF



5F5E80



000000



808080

Same Dimension

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



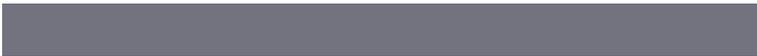
4743FF



231FFF



A443FF



737380



0400BF



010040

Inverse Universe

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



FF43FB



FF1FFA



9EFF43



80737F



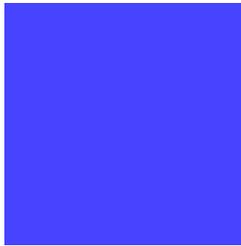
BF00BB



40003E

Previews

White Background



This preview shows how the Hex color 4743FF looks on a white background.

Color Contrast Check

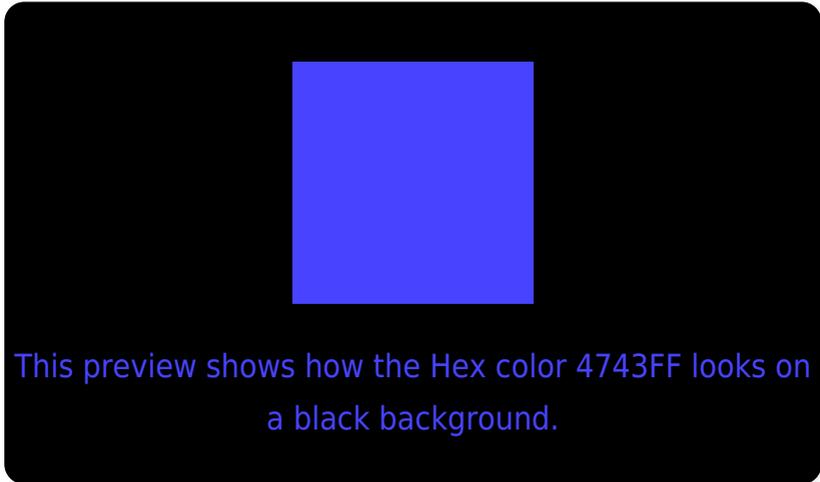
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

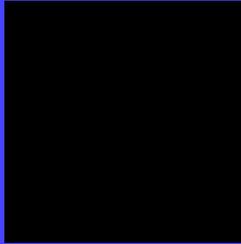
Any Text WCAG AA × Fail

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 4743FF Background



This preview shows how black text looks on a background with the Hex color 4743FF.



This preview shows how white text looks on a background with the Hex color 4743FF.

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
006D74

Trichromacy



Original Color
4743FF

Protanomaly
1A55DC

Deuteranomaly
1A59C9

Tritanomaly
1A5EA7

Monochromacy



Original Color
4743FF

Achromatopsia
5A5A5A

Achromatomaly
535296

CSS Examples

Text

The CSS property to change the color of the text to Hex 4743FF 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 #4743FF looks like.

```
.text, #text, p{  
  color:#4743FF  
}
```

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 #4743FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4743FF
}
```

Border

The CSS property to change the border of an element to Hex 4743FF 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".

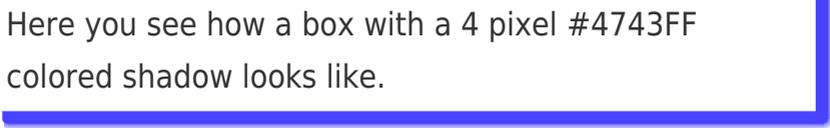
```
.border, #border, table{ border:4px solid
#4743FF }
```

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

```
.border{ border-color:#4743FF }
```

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

Here you see how a box with a 4 pixel #4743FF colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4743FF; -webkit-box-shadow:4px 4px  
4px 4px #4743FF; box-shadow:4px 4px 4px  
4px #4743FF }
```

Background

The CSS property to change the background color of an element to Hex 4743FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4743FF }
```

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

```
.background{ background-color:#4743FF }
```

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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