

Converting Colors

Hex(4734F3)

Have a look what the booklet for
Hex(4734F3) contains.

Hex(4734F3)	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(4734F3)

Conversions

Conversions Part 1

Format	Color
Hex	4734F3
RGB	71, 52, 243
RGB Percent	28%, 20%, 95%
CMY	0.7216, 0.7961, 0.0471
CMYK	0.71, 0.79, 0.00, 0.05
HSL	246°, 89%, 58%
HSV	246°, 79%, 95%
XYZ	20.0042, 10.2666, 85.7213
YIQ	79.4550, -49.9870, 63.4290

Conversions

Conversions Part 2

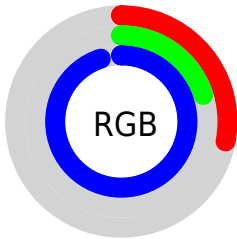
Format	Color
R _Y B	71, 52, 243
Decimal	4666611
CIE Lab	38.32, 63.29, -91.02
CIE LCh	38, 110.866, 304.812
Yxy	10.2666, 0.1725, 0.0885
Android (android.graphics.Color)	4282856691 (0xFF4734F3)
YUV	79.4550, 80.6277, -7.4150
Hunter-Lab	32.0416, 55.3682, -136.1903

Details

The Hex color **4734F3** 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 **E0F334**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8F67FF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **311CF3**, and if you desaturate by 10%, it is **5D4CF3**.

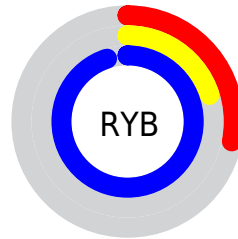
Distribution



Red (28%)

Green (20%)

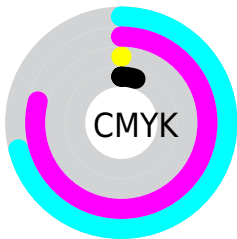
Blue (95%)



Red (28%)

Yellow (20%)

Blue (95%)

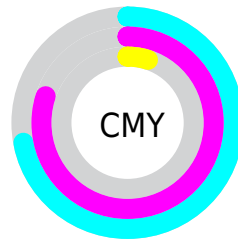


Cyan (71%)

Magenta (79%)

Yellow (0%)

Black (5%)



Cyan (72%)

Magenta (80%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4734F3 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 4734F3 by changing the saturation by 10% instead.

 4734F3

 4734F3

FFFFFF

 0319D6

 8F67FF

 0000B9

 AF82FF

 00009D

 CF9DFF

 000082

 EEB8FF

 000868

 FFD5FF

 000A4E

 FFF2FF

 000537

 000220

 000005

■ 4734F3

■ 4734F3

■ 311CF3

■ 5D4CF3

■ 1B03F3

■ 7365F3

■ 1800F3

■ 897DF3

■ 9F95F3

■ B4ADF3

■ CAC6F3

■ E0DEF3

■ F6F6F3

■ FFFFF3

Harmonies

Analogous

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



0067FF



4734F3



C800A9

Triad

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



4734F3



A82F00



007767

Complementary

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



4734F3



E0F334

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.



007400



4734F3



625D00

Square

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



4734F3



D80000



006E00



0079C2

Rectangle

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



4734F3



E4006E



006E00



007648

Sweetspot

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



4734F3



C8C2FF



34E3F3



5E5B80



000000



808080

Same Dimension

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



4734F3



270FFF



A334F3



6F6E7A



1300BA



06003B

Inverse Universe

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



F334E0



FF0FE7



84F334



7A6E79



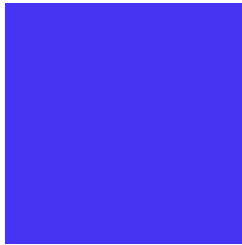
BA00A8



3B0035

Previews

White Background



This preview shows how the Hex color 4734F3 looks on a white background.

Color Contrast Check

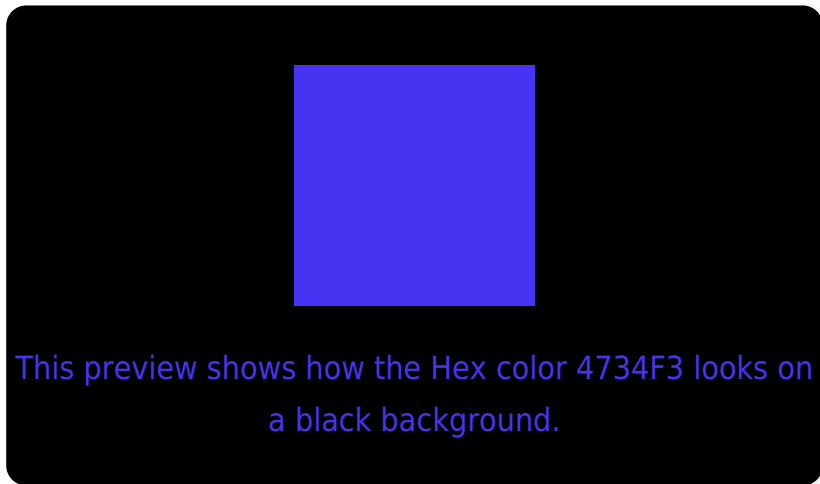
Large Text (above 18pt) WCAG AA ✓ Pass

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

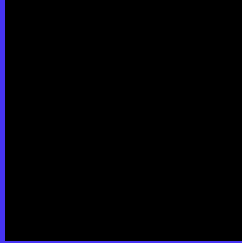
Any Text WCAG AA × Fail

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 4734F3 Background



This preview shows how black text looks on a background with the Hex color 4734F3.

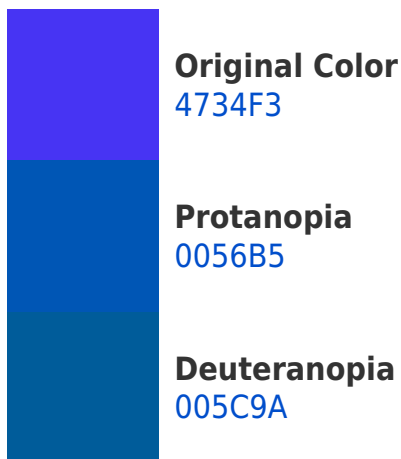


This preview shows how white text looks on a background with the Hex color 4734F3.

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



Trichromacy



Original Color
4734F3

Protanomaly
1A4ACC

Deuteranomaly
1A4DBA

Tritanomaly
1A529B

Monochromacy



Original Color
4734F3

Achromatopsia
4F4F4F

Achromatomaly
4C458B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4734F3 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 #4734F3 looks like.

```
.text, #text, p{  
    color:#4734F3  
}
```

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 #4734F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4734F3
}
```

Border

The CSS property to change the border of an element to Hex 4734F3 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
#4734F3 }
```

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

```
.border{ border-color:#4734F3 }
```

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

Here you see how a box with a 4 pixel #4734F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4734F3; -webkit-box-shadow:4px 4px  
4px 4px #4734F3; box-shadow:4px 4px 4px  
4px #4734F3 }
```

Background

The CSS property to change the background color of an element to Hex 4734F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4734F3 }
```

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

```
.background{ background-color:#4734F3 }
```

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