

Converting Colors

Hex(7449FB)

Have a look what the booklet for
Hex(7449FB) contains.

Hex(7449FB)	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(7449FB)

Conversions

Conversions Part 1

Format	Color
Hex	7449FB
RGB	116, 73, 251
RGB Percent	45%, 29%, 98%
CMY	0.5451, 0.7137, 0.0157
CMYK	0.54, 0.71, 0.00, 0.02
HSL	254°, 96%, 64%
HSV	254°, 71%, 98%
XYZ	26.9976, 15.4431, 92.8247
YIQ	106.1490, -31.5100, 64.4740

Conversions

Conversions Part 2

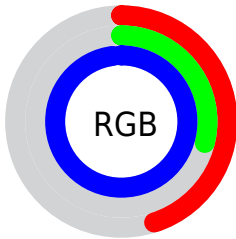
Format	Color
R_{YB}	116, 73, 251
Decimal	7621115
CIE _{Lab}	46.24, 60.42, -82.34
CIE _{LCh}	46, 102.128, 306.271
Yxy	15.4431, 0.1996, 0.1142
Android (android.graphics.Color)	4285811195 (0xFF7449FB)
YUV	106.1490, 71.4115, 8.6393
Hunter-Lab	39.2977, 53.8586, -112.5397

Details

The Hex color **7449FB** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D0FB49**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B27DFF**, and **2A13C1** is the 20% darker color. If you saturate the color by 10%, you get **6130FB**, and if you desaturate by 10%, it is **8762FB**.

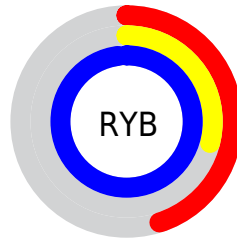
Distribution



Red (45%)

Green (29%)

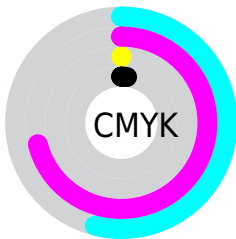
Blue (98%)



Red (45%)

Yellow (29%)

Blue (98%)

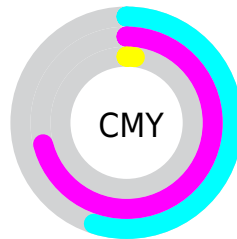


Cyan (54%)

Magenta (71%)

Yellow (0%)

Black (2%)



Cyan (55%)

Magenta (71%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7449FB 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 7449FB by changing the saturation by 10% instead.

 7449FB

 7449FB

FFFFFF

 532FDE

 B27DFF

 2A13C1

 D198FF

 0000A5

 F0B4FF

 00008A

 FFD0FF

 00006F

 FFEDFF

 000B56

 00063D

 000327

 000110

■ 7449FB

■ 7449FB

■ 6130FB

■ 8762FB

■ 4E17FB

■ 9A7BFB

■ 3D00FB

■ AD94FB

■ C0ADFB

■ D3C6FB

■ E6E0FB

■ F9F9FB

■ FFFFFB

Harmonies

Analogous

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



0076FF



7449FB



DB00B4

Triad

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



7449FB



BA4C00



008D7E

Complementary

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



7449FB



D0FB49

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.



00891D



7449FB



767100

Square

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



7449FB



E90005



008200



008ED3

Rectangle

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



7449FB



F5007C



008200



008C60

Sweetspot

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



7449FB



D6C9FF



49D1FB



676080



000000



808080

Same Dimension

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



7449FB



5B26FF



CC49FB



73707D



2E00BD



0F003D

Inverse Universe

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



FB49D0



FF26CB



78FB49



7D707A



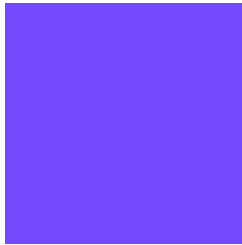
BD008F



3D002E

Previews

White Background



This preview shows how the Hex color 7449FB looks on a white background.

Color Contrast Check

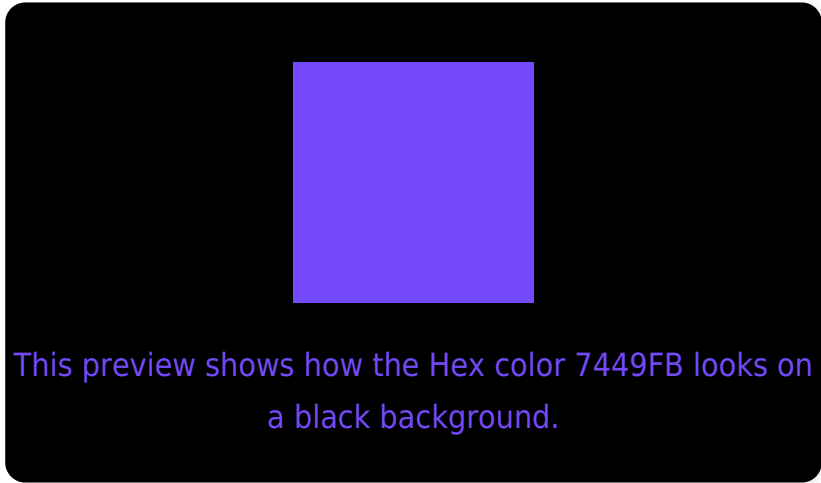
Large Text (above 18pt) WCAG AA ✓ Pass

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

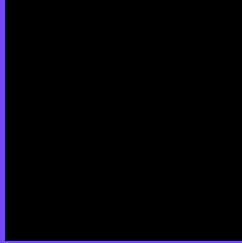
Any Text WCAG AA × Fail

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 7449FB Background



This preview shows how black text looks on a background with the Hex color 7449FB.

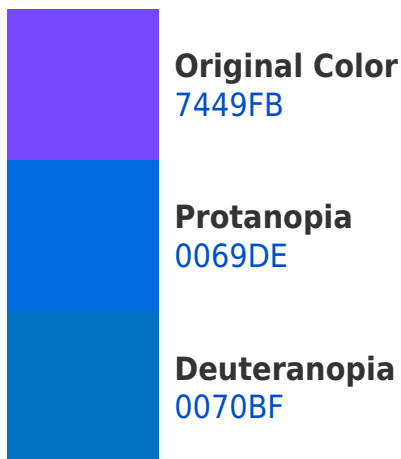


This preview shows how white text looks on a background with the Hex color 7449FB.

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





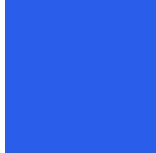
Tritanopia
4A747D

Trichromacy



Original Color

7449FB



Protanomaly

2A5DE9



Deuteranomaly

2A62D5



Tritanomaly

5964AB

Monochromacy



Original Color

7449FB



Achromatopsia

6A6A6A



Achromatomaly

6E5E9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 7449FB 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 #7449FB looks like.

```
.text, #text, p{  
    color:#7449FB  
}
```

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 #7449FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7449FB
}
```

Border

The CSS property to change the border of an element to Hex 7449FB 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
#7449FB }
```

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

```
.border{ border-color:#7449FB }
```

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

Here you see how a box with a 4 pixel #7449FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7449FB; -webkit-box-shadow:4px 4px  
4px 4px #7449FB; box-shadow:4px 4px 4px  
4px #7449FB }
```

Background

The CSS property to change the background color of an element to Hex 7449FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7449FB }
```

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

```
.background{ background-color:#7449FB }
```

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