

# Converting Colors

Hex(7447FF)

Have a look what the booklet for  
Hex(7447FF) contains.

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**Color**

**Hex(7447FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7447FF
RGB	116, 71, 255
RGB Percent	45%, 28%, 100%
CMY	0.5451, 0.7216, 0.0000
CMYK	0.55, 0.72, 0.00, 0.00
HSL	255°, 100%, 64%
HSV	255°, 72%, 100%
XYZ	27.5057, 15.4395, 96.1381
YIQ	105.4310, -32.2440, 66.7640

# Conversions

## Conversions Part 2

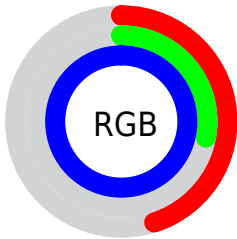
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 71, 255
Decimal	7620607
CIE <sub>Lab</sub>	46.23, 62.49, -84.58
CIE <sub>LCh</sub>	46, 105.158, 306.459
Yxy	15.4395, 0.1978, 0.1110
Android (android.graphics.Color)	4285810687 (0xFF7447FF)
YUV	105.4310, 73.7375, 9.2690
Hunter-Lab	39.2931, 56.1894, -117.5592

# Details

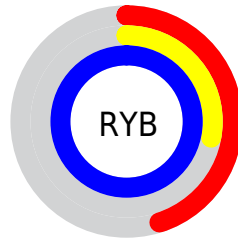
The Hex color **7447FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D2FF47**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B37BFF**, and **280FC5** is the 20% darker color. If you saturate the color by 10%, you get **612EFF**, and if you desaturate by 10%, it is **8761FF**.

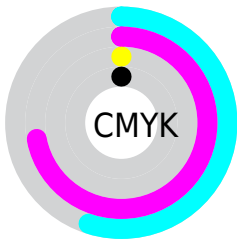
# Distribution



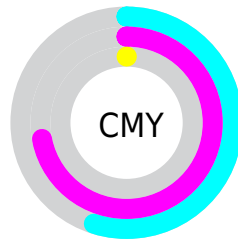
- Red (45%)
- Green (28%)
- Blue (100%)



- Red (45%)
- Yellow (28%)
- Blue (100%)



- Cyan (55%)
- Magenta (72%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (72%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7447FF 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 7447FF by changing the saturation by 10% instead.



 7447FF

 7447FF

FFFFFF

 522DE2

 B37BFF

 280FC5

 D296FF

 0000A9

 F1B2FF

 00008D


 FFCEFF

 000073

 FFE8FF

 000A59


 000740

 000329

 000113

 7447FF

 7447FF

 612EFF

 8761FF

 4D14FF

 9B7AFF

 3E00FF

 AE93FF

 C1ADFF

 D4C7FF

 E8E0FF

 FBFAFF

FFFFFF

# Harmonies

## Analogous

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



0076FF



7447FF



DE00B6

# Triad

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



7447FF



BB4B00



008D7F

# Complementary

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



7447FF



D2FF47

# 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.



008A1B



7447FF



757100

# Square

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



7447FF



EC0000



008300



008ED6

# Rectangle

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



7447FF



F9007C



008300



008C60



# Sweetspot

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



7447FF



D5C7FF



47D4FF



665E80



000000



808080



# Same Dimension

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



7447FF



5721FF



CE47FF



767380



2F00BF



100040



# Inverse Universe

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



FF47D2



FF21C9



78FF47



80737C



BF0090

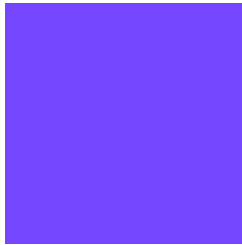


400030



# Previews

## White Background



This preview shows how the Hex color 7447FF looks on a white background.

## Color Contrast Check

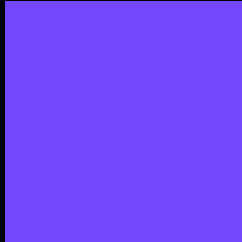
Large Text (above 18pt) WCAG AA ✓ Pass

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 7447FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

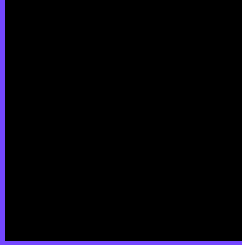
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7447FF Background



This preview shows how black text looks on a background with the Hex color 7447FF.

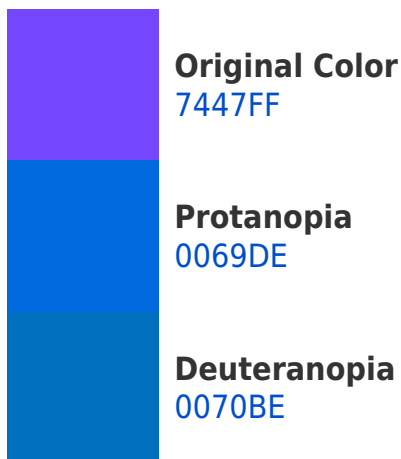


This preview shows how white text looks on a background with the Hex color 7447FF.

# 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](#).

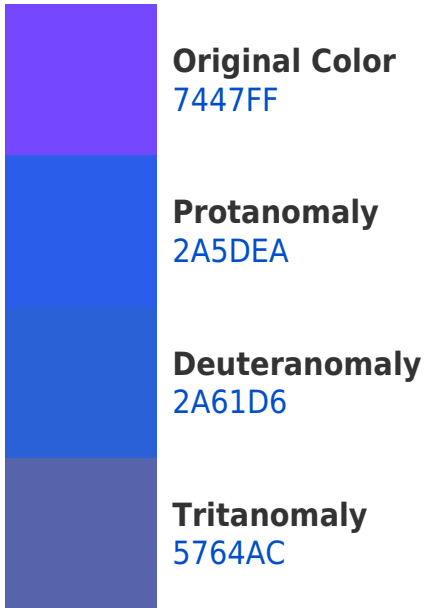
## Dichromacy



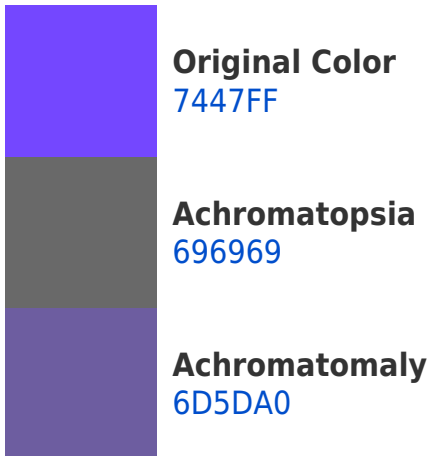


**Tritanopia**  
47747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7447FF 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 #7447FF looks like.

```
.text, #text, p{  
    color:#7447FF  
}
```

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 #7447FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7447FF  
}
```

## Border

The CSS property to change the border of an element to Hex 7447FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

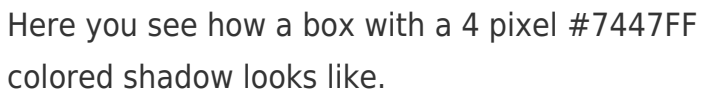
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7447FF }
```

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

```
.border{ border-color:#7447FF }
```

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



Here you see how a box with a 4 pixel #7447FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7447FF; -webkit-box-shadow:4px 4px  
4px 4px #7447FF; box-shadow:4px 4px 4px  
4px #7447FF }
```

# Background

The CSS property to change the background color of an element to Hex 7447FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7447FF }
```

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

```
.background{ background-color:#7447FF }
```

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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