

Converting Colors

Hex(7448FF)

Have a look what the booklet for
Hex(7448FF) contains.

| | |
|--|----|
| Hex(7448FF) | 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(7448FF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 7448FF |
| RGB | 116, 72, 255 |
| RGB Percent | 45%, 28%, 100% |
| CMY | 0.5451, 0.7176, 0.0000 |
| CMYK | 0.55, 0.72, 0.00, 0.00 |
| HSL | 254°, 100%, 64% |
| HSV | 254°, 72%, 100% |
| XYZ | 27.5698, 15.5677, 96.1595 |
| YIQ | 106.0180, -32.5190, 66.2410 |

Conversions

Conversions Part 2

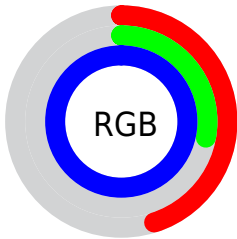
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 116, 72, 255 |
| Decimal | 7620863 |
| CIE _{Lab} | 46.40, 62.01, -84.29 |
| CIE _{LCh} | 46, 104.644, 306.337 |
| Yxy | 15.5677, 0.1979, 0.1118 |
| Android (android.graphics.Color) | 4285810943 (0xFF7448FF) |
| YUV | 106.0180, 73.4481, 8.7542 |
| Hunter-Lab | 39.4560, 55.6788, -116.8786 |

Details

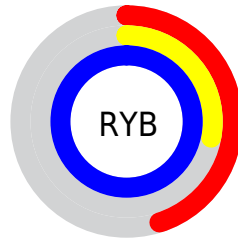
The Hex color **7448FF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **D3FF48**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **B37CFF**, and **2811C5** is the 20% darker color. If you saturate the color by 10%, you get **612FFF**, and if you desaturate by 10%, it is **8762FF**.

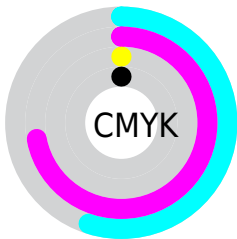
Distribution



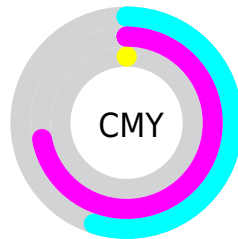
- Red (45%)
- Green (28%)
- Blue (100%)



- 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 7448FF 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 7448FF by changing the saturation by 10% instead.

 7448FF

 7448FF

FFFFFF

 522EE2

 B37CFF

 2811C5

 D297FF

 0000A9

 F1B3FF

 00008D

 FFCFFF


 000073

 FFECFF

 000A59

 000740

 000329

 000113

 7448FF

 7448FF

 612FFF

 8762FF

 4D15FF

 9B7BFF

 3D00FF

 AE94FF

 C1AEFF

 D5C8FF

 E8E1FF

 FCFBFF

FFFFFF

Harmonies

Analogous

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



0077FF



7448FF



DE00B6

Triad

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



7448FF



BC4B00



008E7F

Complementary

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



7448FF



D3FF48

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



7448FF



767100

Square

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



7448FF



EC0002



008300



008FD6

Rectangle

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



7448FF



F8007D



008300



008D60

Sweetspot

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



7448FF



D4C7FF



48D4FF



665E80



000000



808080

Same Dimension

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



7448FF



5824FF



CE48FF



767380



2E00BF



0F0040

Inverse Universe

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



FF48D3



FF24CA



79FF48



80737C



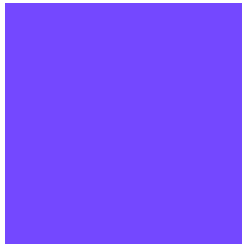
BF0091



400030

Previews

White Background



This preview shows how the Hex color 7448FF looks on a white background.

Color Contrast Check

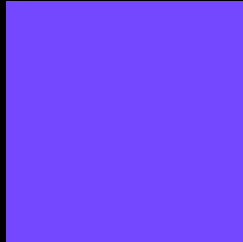
Large Text (above 18pt) WCAG AA ✓ Pass

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 7448FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

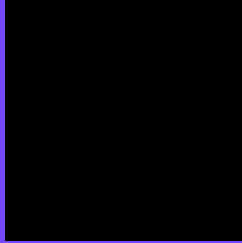
Any Text WCAG AA × Fail

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 7448FF Background



This preview shows how black text looks on a background with the Hex color 7448FF.

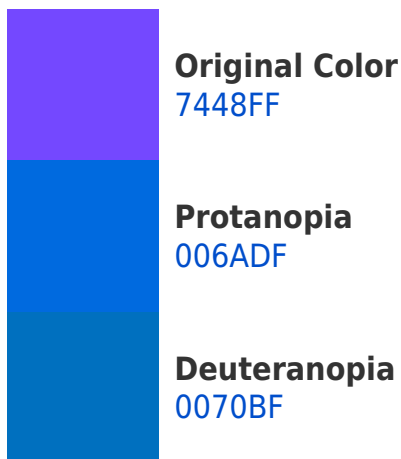


This preview shows how white text looks on a background with the Hex color 7448FF.

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](#).

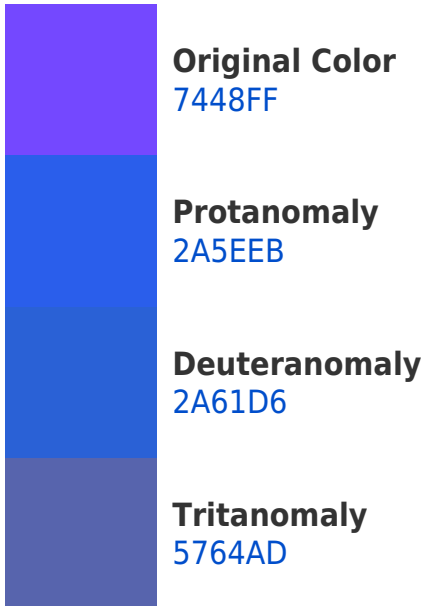
Dichromacy



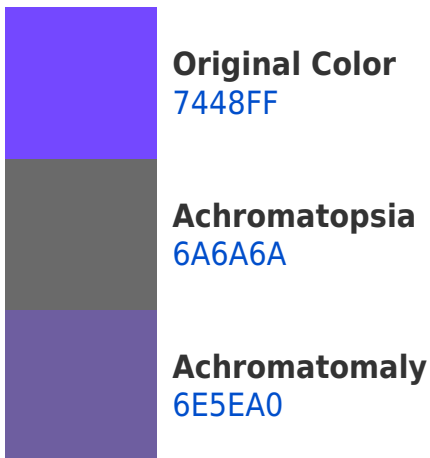


Tritanopia
47747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7448FF 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 #7448FF looks like.

```
.text, #text, p{  
    color:#7448FF  
}
```

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 #7448FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7448FF
}
```

Border

The CSS property to change the border of an element to Hex 7448FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

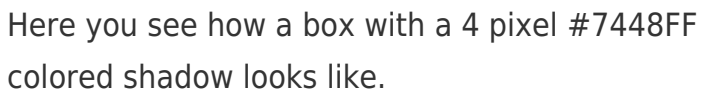
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7448FF }
```

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

```
.border{ border-color:#7448FF }
```

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



Here you see how a box with a 4 pixel #7448FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7448FF; -webkit-box-shadow:4px 4px  
4px 4px #7448FF; box-shadow:4px 4px 4px  
4px #7448FF }
```

Background

The CSS property to change the background color of an element to Hex 7448FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7448FF }
```

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

```
.background{ background-color:#7448FF }
```

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