

Converting Colors

Hex(7448F6)

Have a look what the booklet for
Hex(7448F6) contains.

Hex(7448F6)	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(7448F6)

Conversions

Conversions Part 1

Format	Color
Hex	7448F6
RGB	116, 72, 246
RGB Percent	45%, 28%, 96%
CMY	0.5451, 0.7176, 0.0353
CMYK	0.53, 0.71, 0.00, 0.04
HSL	255°, 91%, 62%
HSV	255°, 71%, 96%
XYZ	26.1544, 15.0016, 88.7059
YIQ	104.9920, -29.6300, 63.4420

Conversions

Conversions Part 2

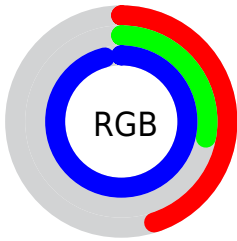
Format	Color
R_{YB}	116, 72, 246
Decimal	7620854
CIE _{Lab}	45.64, 59.54, -80.52
CIE _{LCh}	46, 100.146, 306.481
Yxy	15.0016, 0.2014, 0.1155
Android (android.graphics.Color)	4285810934 (0xFF7448F6)
YUV	104.9920, 69.5169, 9.6540
Hunter-Lab	38.7318, 52.7546, -108.6771

Details

The Hex color **7448F6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **CAF648**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **B27CFF**, and **2C12BC** is the 20% darker color. If you saturate the color by 10%, you get **622FF6**, and if you desaturate by 10%, it is **8661F6**.

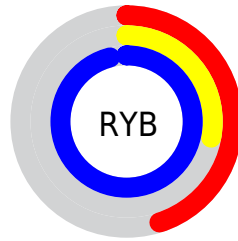
Distribution



Red (45%)

Green (28%)

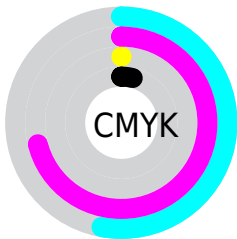
Blue (96%)



Red (45%)

Yellow (28%)

Blue (96%)

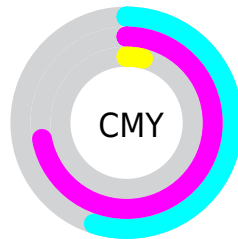


Cyan (53%)

Magenta (71%)

Yellow (0%)

Black (4%)



Cyan (55%)

Magenta (72%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7448F6 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 7448F6 by changing the saturation by 10% instead.

 7448F6

 7448F6

FFFFFF

 532ED9

 B27CFF

 2C12BC

 D197FF

 0000A0

 EFB3FF

 000085

 FFCFFF

 00006B

 FFE8FF

 000B51

 000539

 000223

 00000A

■ 7448F6

■ 7448F6

■ 622FF6

■ 8661F6

■ 4F17F6

■ 9979F6

■ 3E00F6

■ AB92F6

■ BEAAF6

■ D0C3F6

■ E2DCF6

■ F5F4F6

■ FFFFF6

Harmonies

Analogous

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



0074FF



7448F6



D700B1

Triad

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



7448F6



B74B00



008B7D

Complementary

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



7448F6



CAF648

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.



00881F



7448F6



746F00

Square

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



7448F6



E50005



008000



008CD0

Rectangle

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



7448F6



F1007A



008000



008A60

Sweetspot

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



7448F6



D7C9FF



48CBF6



686080



000000



808080

Same Dimension

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



7448F6



5D26FF



CB48F6



716E7A



2F00BA



0F003B

Inverse Universe

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



F648CA



FF26C8



74F648



7A6E77



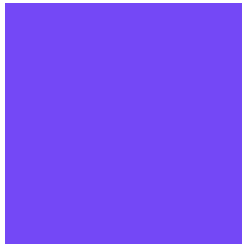
BA008B



3B002C

Previews

White Background



This preview shows how the Hex color 7448F6 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 7448F6 Background



This preview shows how black text looks on a background with the Hex color 7448F6.

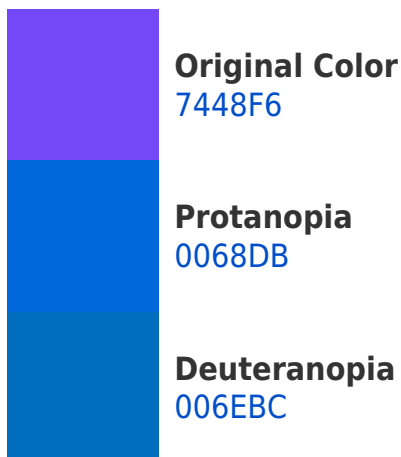


This preview shows how white text looks on a background with the Hex color 7448F6.

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





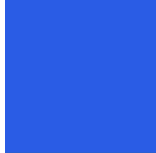
Tritanopia
4C727B

Trichromacy



Original Color

7448F6



Protanomaly

2A5CE5



Deuteranomaly

2A60D1



Tritanomaly

5B63A8

Monochromacy



Original Color

7448F6



Achromatopsia

696969



Achromatomaly

6D5D9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 7448F6 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 #7448F6 looks like.

```
.text, #text, p{  
    color:#7448F6  
}
```

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 #7448F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7448F6
}
```

Border

The CSS property to change the border of an element to Hex 7448F6 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
#7448F6 }
```

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

```
.border{ border-color:#7448F6 }
```

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

Here you see how a box with a 4 pixel #7448F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7448F6; -webkit-box-shadow:4px 4px  
4px 4px #7448F6; box-shadow:4px 4px 4px  
4px #7448F6 }
```

Background

The CSS property to change the background color of an element to Hex 7448F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7448F6 }
```

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

```
.background{ background-color:#7448F6 }
```

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