

# Converting Colors

Hex(7470F7)

Have a look what the booklet for  
Hex(7470F7) contains.

<b>Hex(7470F7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7470F7)

# Conversions

## Conversions Part 1

Format	Color
Hex	7470F7
RGB	116, 112, 247
RGB Percent	45%, 44%, 97%
CMY	0.5451, 0.5608, 0.0314
CMYK	0.53, 0.55, 0.00, 0.03
HSL	242°, 89%, 70%
HSV	242°, 55%, 97%
XYZ	29.7851, 22.0167, 90.6755
YIQ	128.5860, -40.9510, 42.8330

# Conversions

## Conversions Part 2

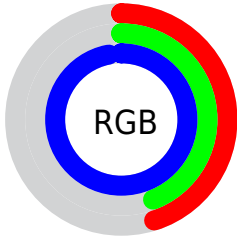
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	116, 112, 247
Decimal	7631095
CIE Lab	54.04, 37.70, -67.40
CIE LCh	54, 77.226, 299.221
Yxy	22.0167, 0.2091, 0.1545
Android (android.graphics.Color)	4285821175 (0xFF7470F7)
YUV	128.5860, 58.3781, -11.0379
Hunter-Lab	46.9220, 31.1946, -81.7309

# Details

The Hex color **7470F7** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **F3F770**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B0A4FF**, and **3140BE** is the 20% darker color. If you saturate the color by 10%, you get **5C57F7**, and if you desaturate by 10%, it is **8C89F7**.

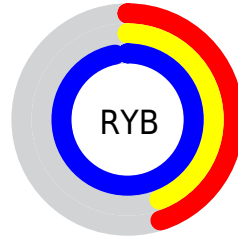
# Distribution



Red (45%)

Green (44%)

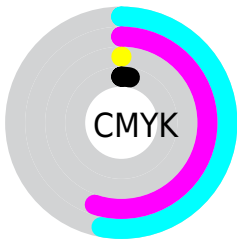
Blue (97%)



Red (45%)

Yellow (44%)

Blue (97%)

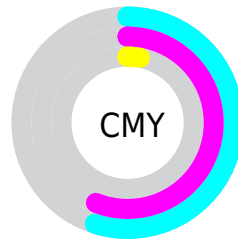


Cyan (53%)

Magenta (55%)

Yellow (0%)

Black (3%)



Cyan (55%)

Magenta (56%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7470F7 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 7470F7 by changing the saturation by 10% instead.



 7470F7

 7470F7

FFFFFF

 5557DA

 B0A4FF

 3140BE

 CEBFFF

 002AA2

 ECDBFF

 001587

 FFF8FF

 00016D

 000254

 00063B

 000225

 00010D

■ 7470F7

■ 7470F7

■ 5C57F7

■ 8C89F7

■ 443FF7

■ A4A1F7

■ 2C26F7

■ BCBAF7

■ 140DF7

■ D4D3F7

■ 0700F7

■ ECEBF7

■ FFFFF7

# Harmonies

## Analogous

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



008BFF



7470F7



CD4AC7

# Triad

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



7470F7



D06100



009D7D

# Complementary

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



7470F7



F3F770

# 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.



009937



7470F7



9E7E00

# Square

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



7470F7



EF3C45



5B9000



009EC1

# Rectangle

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



7470F7



EA309C



5B9000



009C66



# Sweetspot

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



7470F7



D7D6FF



70F5F7



686780



000000



808080



# Same Dimension

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



7470F7



5C57FF



B670F7



6F6E7A



0600BA



02003B



# Inverse Universe

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



F770F3



FF57FA



B1F770



7A6E7A



BA00B5

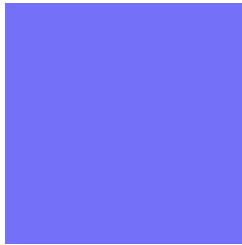


3B0039



# Previews

## White Background



This preview shows how the Hex color 7470F7 looks on a white background.

## Color Contrast Check

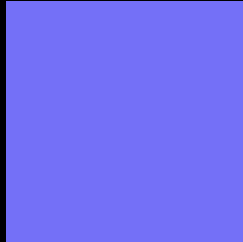
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7470F7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

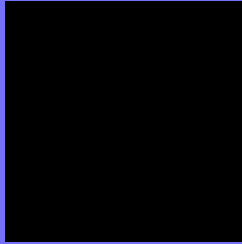
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7470F7 Background



This preview shows how black text looks on a background with the Hex color 7470F7.



This preview shows how white text looks on a background with the Hex color 7470F7.

# 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**  
538994

# Trichromacy



**Original Color**

7470F7



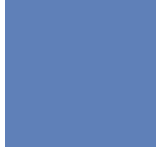
**Protanomaly**

4678FC



**Deuteranomaly**

2A7CED



**Tritanomaly**

5F80B8

# Monochromacy



**Original Color**

7470F7



**Achromatopsia**

818181



**Achromatomaly**

7C7BAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7470F7 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 #7470F7 looks like.

```
.text, #text, p{  
    color:#7470F7  
}
```

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 #7470F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7470F7
}
```

## Border

The CSS property to change the border of an element to Hex 7470F7 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
#7470F7 }
```

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

```
.border{ border-color:#7470F7 }
```

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

Here you see how a box with a 4 pixel #7470F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7470F7; -webkit-box-shadow:4px 4px  
4px 4px #7470F7; box-shadow:4px 4px 4px  
4px #7470F7 }
```

# Background

The CSS property to change the background color of an element to Hex 7470F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7470F7 }
```

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

```
.background{ background-color:#7470F7 }
```

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