

Converting Colors

Hex(7E83FC)

Have a look what the booklet for
Hex(7E83FC) contains.

Hex(7E83FC)	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(7E83FC)

Conversions

Conversions Part 1

Format	Color
Hex	7E83FC
RGB	126, 131, 252
RGB Percent	49%, 51%, 99%
CMY	0.5059, 0.4863, 0.0118
CMYK	0.50, 0.48, 0.00, 0.01
HSL	238°, 95%, 74%
HSV	238°, 50%, 99%
XYZ	34.2912, 27.6965, 95.6341
YIQ	143.2990, -41.8210, 36.5710

Conversions

Conversions Part 2

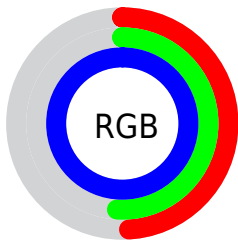
Format	Color
R _Y B	126, 131, 252
Decimal	8291324
CIE Lab	59.61, 30.03, -61.17
CIE LCh	60, 68.139, 296.146
Yxy	27.6965, 0.2176, 0.1757
Android (android.graphics.Color)	4286481404 (0xFF7E83FC)
YUV	143.2990, 53.5896, -15.1712
Hunter-Lab	52.6275, 24.2096, -70.9020

Details

The Hex color **7E83FC** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FCF77E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B9B8FF**, and **4052C3** is the 20% darker color. If you saturate the color by 10%, you get **656BFC**, and if you desaturate by 10%, it is **979BFC**.

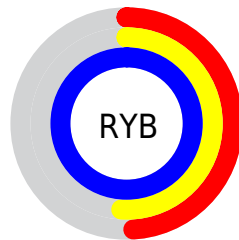
Distribution



Red (49%)

Green (51%)

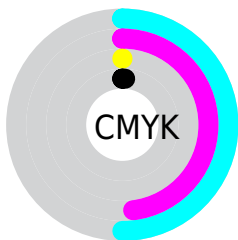
Blue (99%)



Red (49%)

Yellow (51%)

Blue (99%)

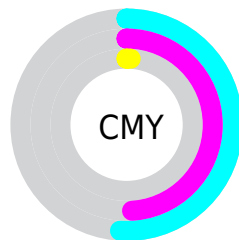


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (1%)



Cyan (51%)

Magenta (49%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7E83FC 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 7E83FC by changing the saturation by 10% instead.

 7E83FC

 7E83FC

FFFFFF

 606ADF

 B9B8FF

 4052C3

 D7D4FF

 163BA7

 F5F0FF

 00268C

 001372

 000058

 000740

 000329

 000113

 7E83FC

 7E83FC

 656BFC

 979BFC

 4C53FC

 B0B3FC

 323AFC

 CACCFC

 1922FC

 E3E4FC

 000AFC

 FCFCFC

FFFFFFC

Harmonies

Analogous

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



0099FF



7E83FC



D066D3

Triad

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



7E83FC



DF7228



00AA86

Complementary

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



7E83FC



FCF77E

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.



07A648



7E83FC



B28A00

Square

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



7E83FC



F8585F



799C07



00ABC3

Rectangle

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



7E83FC



ED56AE



799C07



00A971

Sweetspot

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



7E83FC



D9DAFF



7EFCF6



696980



000000



808080

Same Dimension

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



7E83FC



666CFF



B77EFC



70717D



0007BD



00023D

Inverse Universe

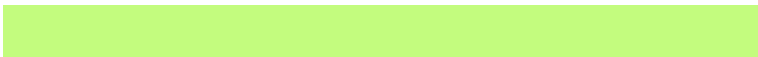
The Inverse Universe completely reimagines the original color for something new.



FC7E83



FF666C



C3FC7E



7D7071



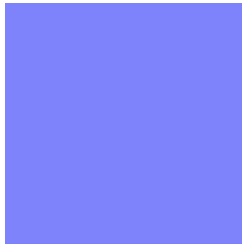
BD0007



3D0002

Previews

White Background



This preview shows how the Hex color 7E83FC looks on a white background.

Color Contrast Check

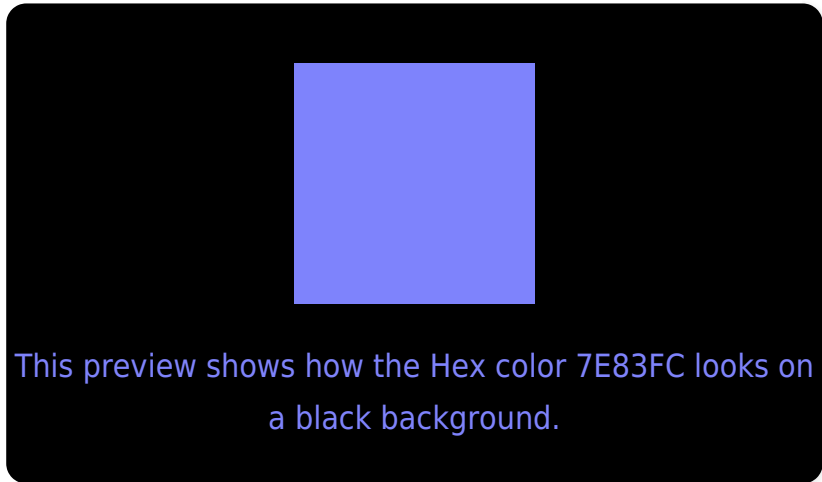
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

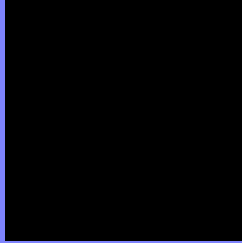
Any Text WCAG AA ✓ Pass

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 7E83FC Background



This preview shows how black text looks on a background with the Hex color 7E83FC.



This preview shows how white text looks on a background with the Hex color 7E83FC.

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](#).

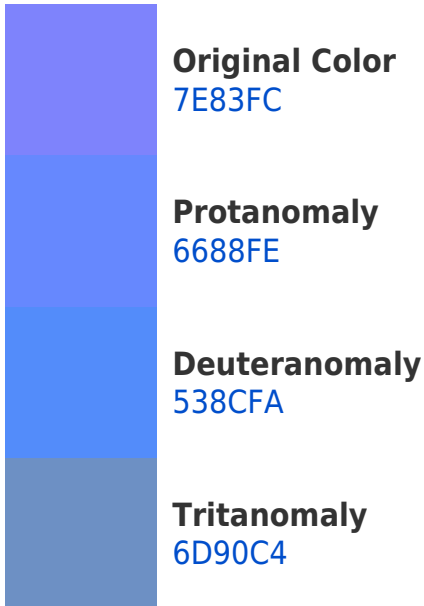
Dichromacy





Tritanopia
6398A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7E83FC 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 #7E83FC looks like.

```
.text, #text, p{  
    color:#7E83FC  
}
```

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 #7E83FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E83FC
}
```

Border

The CSS property to change the border of an element to Hex 7E83FC 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
#7E83FC }
```

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

```
.border{ border-color:#7E83FC }
```

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

Here you see how a box with a 4 pixel #7E83FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E83FC; -webkit-box-shadow:4px 4px  
4px 4px #7E83FC; box-shadow:4px 4px 4px  
4px #7E83FC }
```

Background

The CSS property to change the background color of an element to Hex 7E83FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E83FC }
```

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

```
.background{ background-color:#7E83FC }
```

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