

Converting Colors

Hex(7C8EFB)

Have a look what the booklet for
Hex(7C8EFB) contains.

Hex(7C8EFB)	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(7C8EFB)

Conversions

Conversions Part 1

Format	Color
Hex	7C8EFB
RGB	124, 142, 251
RGB Percent	49%, 56%, 98%
CMY	0.5137, 0.4431, 0.0157
CMYK	0.51, 0.43, 0.00, 0.02
HSL	231°, 94%, 74%
HSV	231°, 51%, 98%
XYZ	35.3978, 30.5961, 95.3068
YIQ	149.0440, -45.7170, 30.0830

Conversions

Conversions Part 2

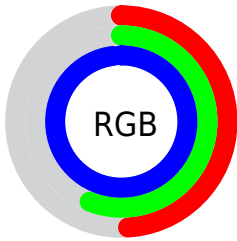
Format	Color
RYB	124, 140, 251
Decimal	8163067
CIELab	62.17, 22.82, -56.55
CIElCh	62, 60.978, 291.973
Yxy	30.5961, 0.2195, 0.1897
Android (android.graphics.Color)	4286353147 (0xFF7C8EFB)
YUV	149.0440, 50.2643, -21.9636
Hunter-Lab	55.3138, 17.4311, -63.4383

Details

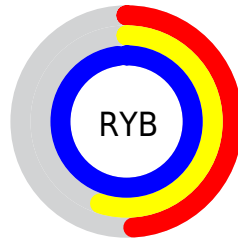
The Hex color **7C8EFB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FBE97C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7C3FF**, and **3E5CC2** is the 20% darker color. If you saturate the color by 10%, you get **6378FB**, and if you desaturate by 10%, it is **95A4FB**.

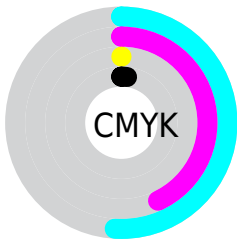
Distribution



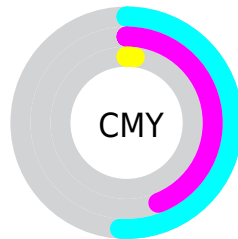
- Red (49%)
- Green (56%)
- Blue (98%)



- Red (49%)
- Yellow (55%)
- Blue (98%)



- Cyan (51%)
- Magenta (43%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (44%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8EFB 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 7C8EFB by changing the saturation by 10% instead.

 7C8EFB

 7C8EFB

FFFFFF

 5E75DE

 B7C3FF

 3E5CC2

 D4DFFF

 1445A6

 F2FCFF


 002F8B

 001C71

 000258

 000740

 000329

 000113

 7C8EFB

 7C8EFB

 6378FB

 95A4FB

 4A63FB

 AEB9FB

 314DFB

 C7CFFB

 1838FB

 E0E4FB

 0024FB

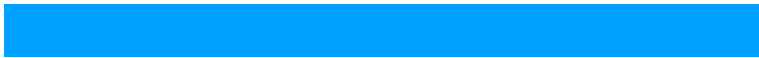
 FAFAFB

 FFFFFB

Harmonies

Analogous

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



00A1FF



7C8EFB



CA76DA

Triad

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



7C8EFB



E47942



00AF85

Complementary

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



7C8EFB



FBE97C

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.



46AA50



7C8EFB



BE8E20

Square

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



7C8EFB



F86671



8C9F26



00B0BD

Rectangle

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



7C8EFB



E769B9



8C9F26



00AE73

Sweetspot

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



7C8EFB



D9DEFF



7CFBE8



696C80



000000



808080

Same Dimension

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



7C8EFB



6379FF



A87CFB



70727D



001BBD



00093D

Inverse Universe

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



FB7C8E



FF6379



CFFB7C



7D7072



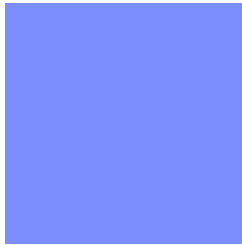
BD001B



3D0009

Previews

White Background



This preview shows how the Hex color 7C8EFB looks on a white background.

Color Contrast Check

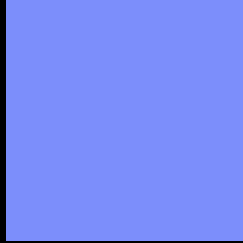
Large Text (above 18pt) WCAG AA × Fail

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 7C8EFB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

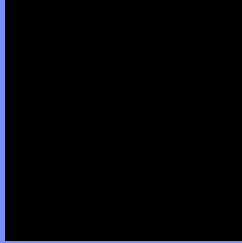
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 7C8EFB Background



This preview shows how black text looks on a background with the Hex color 7C8EFB.



This preview shows how white text looks on a background with the Hex color 7C8EFB.

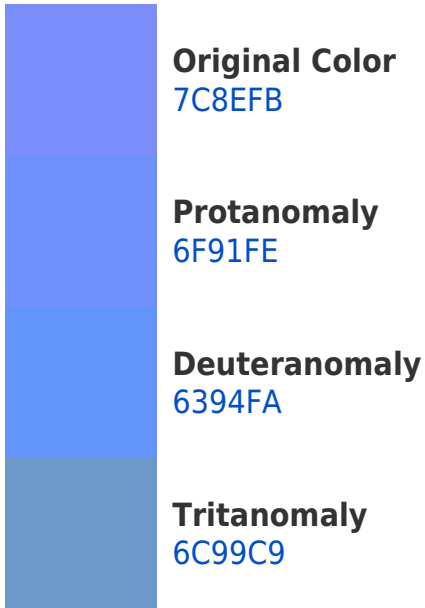
Color Blindness Simulation

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](#).

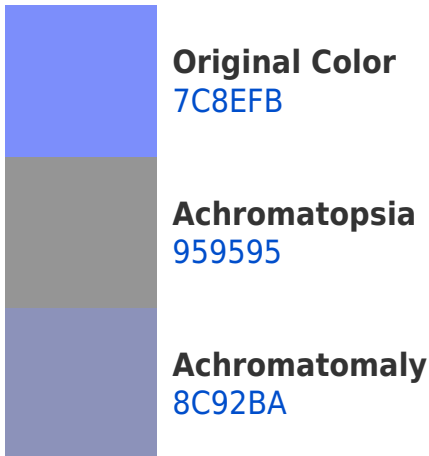
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8EFB 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 #7C8EFB looks like.

```
.text, #text, p{  
    color:#7C8EFB  
}
```

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 #7C8EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8EFB
}
```

Border

The CSS property to change the border of an element to Hex 7C8EFB 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
#7C8EFB }
```

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

```
.border{ border-color:#7C8EFB }
```

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

Here you see how a box with a 4 pixel #7C8EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8EFB; -webkit-box-shadow:4px 4px  
4px 4px #7C8EFB; box-shadow:4px 4px 4px  
4px #7C8EFB }
```

Background

The CSS property to change the background color of an element to Hex 7C8EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8EFB }
```

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

```
.background{ background-color:#7C8EFB }
```

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