

Converting Colors

Hex(7F8AEB)

Have a look what the booklet for
Hex(7F8AEB) contains.

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Color

Hex(7F8AEB)

Conversions

Conversions Part 1

Format	Color
Hex	7F8AEB
RGB	127, 138, 235
RGB Percent	50%, 54%, 92%
CMY	0.5020, 0.4588, 0.0784
CMYK	0.46, 0.41, 0.00, 0.08
HSL	234°, 73%, 71%
HSV	234°, 46%, 92%
XYZ	32.8363, 28.6871, 82.4038
YIQ	145.7690, -37.6930, 27.8350

Conversions

Conversions Part 2

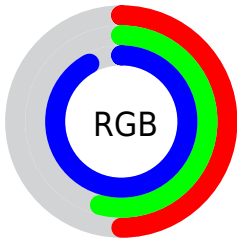
Format	Color
RYB	127, 137, 235
Decimal	8358635
CIELab	60.50, 21.08, -50.36
CIELCh	61, 54.590, 292.714
Yxy	28.6871, 0.2281, 0.1993
Android (android.graphics.Color)	4286548715 (0xFF7F8AEB)
YUV	145.7690, 43.9909, -16.4604
Hunter-Lab	53.5604, 15.7024, -53.7267

Details

The Hex color **7F8AEB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EBE07F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B8BFFF**, and **4558B3** is the 20% darker color. If you saturate the color by 10%, you get **6875EB**, and if you desaturate by 10%, it is **979FEB**.

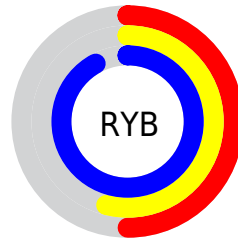
Distribution



Red (50%)

Green (54%)

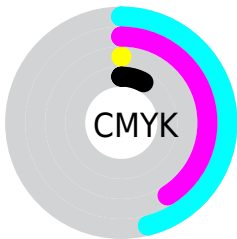
Blue (92%)



Red (50%)

Yellow (54%)

Blue (92%)

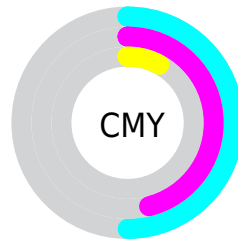


Cyan (46%)

Magenta (41%)

Yellow (0%)

Black (8%)



Cyan (50%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F8AEB 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 7F8AEB by changing the saturation by 10% instead.

7F8AEB

7F8AEB

FFFFFF

6371CE

B8BFFF

4558B3

D5DBFF

244197

F3F8FF

002C7D

001864

00004B

000433

00021D

000000

■ 7F8AEB

■ 7F8AEB

■ 6875EB

■ 979FEB

■ 5060EB

■ AEB4EB

■ 384BEB

■ C6C9EB

■ 2136EB

■ DDDEEB

■ 0A20EB

■ F4F4EB

■ 0018EB

■ FFFFEB

Harmonies

Analogous

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



009BF1



7F8AEB



C176CD

Triad

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



7F8AEB



D87946



00A984

Complementary

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



7F8AEB



EBE07F

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.



4CA455



7F8AEB



B68B2C

Square

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



7F8AEB



EA6970



889A32



00A9B6

Rectangle

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



7F8AEB



DB6BB0



889A32



00A874

Sweetspot

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



7F8AEB



DBDFFF



7FEBDE



6A6C80



000000



808080

Same Dimension

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



7F8AEB



7381FF



A87FEB



6A6B75



0012B5



000536

Inverse Universe

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



EB7F8A



FF7381



C2EB7F



756A6B



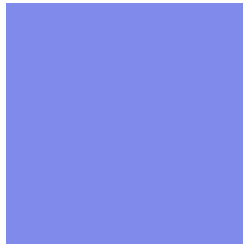
B50012



360005

Previews

White Background



This preview shows how the Hex color 7F8AEB looks on a white background.

Color Contrast Check

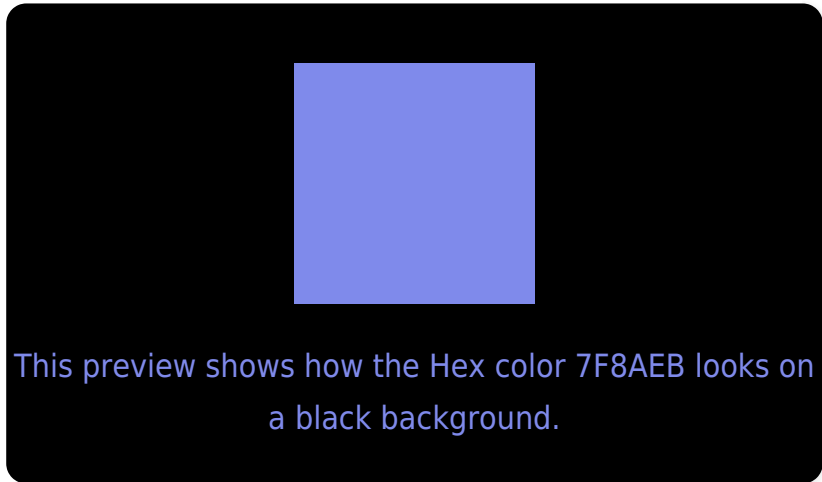
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F8AEB Background



This preview shows how black text looks on a background with the Hex color 7F8AEB.



This preview shows how white text looks on a background with the Hex color 7F8AEB.

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](#).

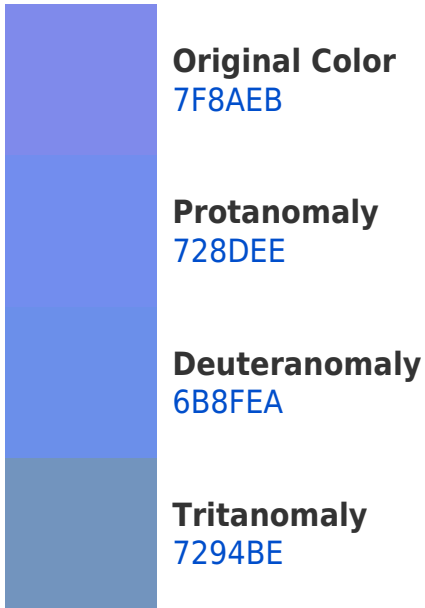
Dichromacy





Tritanopia
6B99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7F8AEB 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 #7F8AEB looks like.

```
.text, #text, p{  
    color:#7F8AEB  
}
```

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 #7F8AEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8AEB
}
```

Border

The CSS property to change the border of an element to Hex 7F8AEB 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
#7F8AEB }
```

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

```
.border{ border-color:#7F8AEB }
```

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

Here you see how a box with a 4 pixel #7F8AEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8AEB; -webkit-box-shadow:4px 4px  
4px 4px #7F8AEB; box-shadow:4px 4px 4px  
4px #7F8AEB }
```

Background

The CSS property to change the background color of an element to Hex 7F8AEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8AEB }
```

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

```
.background{ background-color:#7F8AEB }
```

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](#).

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