

Converting Colors

Hex(7A8CEB)

Have a look what the booklet for
Hex(7A8CEB) contains.

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Color

Hex(7A8CEB)

Conversions

Conversions Part 1

Format	Color
Hex	7A8CEB
RGB	122, 140, 235
RGB Percent	48%, 55%, 92%
CMY	0.5216, 0.4510, 0.0784
CMYK	0.48, 0.40, 0.00, 0.08
HSL	230°, 74%, 70%
HSV	230°, 48%, 92%
XYZ	32.3995, 28.8919, 82.4663
YIQ	145.4480, -41.2230, 25.7290

Conversions

Conversions Part 2

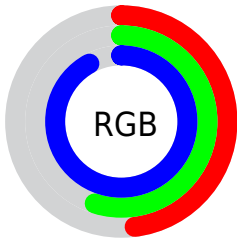
Format	Color
R _Y B	122, 138, 235
Decimal	8031467
CIE Lab	60.69, 18.73, -50.09
CIE LCh	61, 53.478, 290.506
Yxy	28.8919, 0.2254, 0.2010
Android (android.graphics.Color)	4286221547 (0xFF7A8CEB)
YUV	145.4480, 44.1491, -20.5639
Hunter-Lab	53.7512, 13.5296, -53.3383

Details

The Hex color **7A8CEB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EBD97A**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B3C1FF**, and **3F5AB3** is the 20% darker color. If you saturate the color by 10%, you get **6278EB**, and if you desaturate by 10%, it is **92A0EB**.

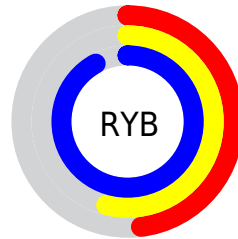
Distribution



Red (48%)

Green (55%)

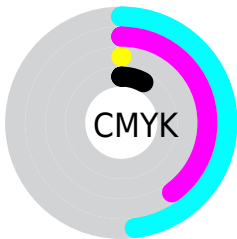
Blue (92%)



Red (48%)

Yellow (54%)

Blue (92%)

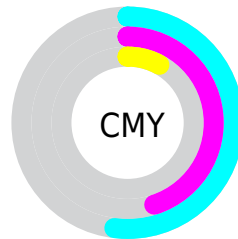


Cyan (48%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (52%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A8CEB 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 7A8CEB by changing the saturation by 10% instead.

 7A8CEB

 7A8CEB

FFFFFF

 5D73CE

 B3C1FF

 3F5AB3

 D1DDFF

 1B4397

 EEFAFF

 002E7D

 001A64

 00004B

 000433

 00021D

 000000

 7A8CEB

 7A8CEB

 6278EB

 92A0EB

 4B64EB

 A9B4EB

 3451EB

 C1C7EB

 1C3DEB

 D8DBEB

 0429EB

 F0EFEB

 0025EB

 FFFFEB

Harmonies

Analogous

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



009CEF



7A8CEB



BD78CF

Triad

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



7A8CEB



DA784B



00A981

Complementary

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



7A8CEB



EBD97A

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.



54A453



7A8CEB



B98B30

Square

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



7A8CEB



E96A74



8D9A33



00A9B2

Rectangle

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



7A8CEB



D86DB3



8D9A33



00A771

Sweetspot

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



7A8CEB



DBE1FF



7AEBD8



6A6D80



000000



808080

Same Dimension

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



7A8CEB



6B83FF



A07AEB



6A6B75



001DB5



000936

Inverse Universe

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



EB7A8C



FF6B83



C5EB7A



756A6B



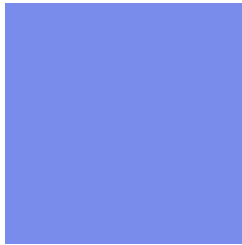
B5001D



360009

Previews

White Background



This preview shows how the Hex color 7A8CEB looks on a white background.

Color Contrast Check

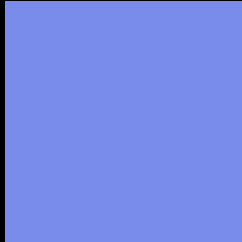
Large Text (above 18pt) WCAG AA ✓ Pass

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 7A8CEB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

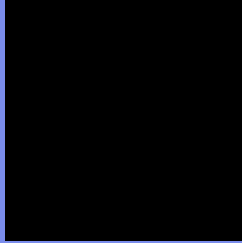
Any Text WCAG AA ✓ Pass

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 7A8CEB Background



This preview shows how black text looks on a background with the Hex color 7A8CEB.

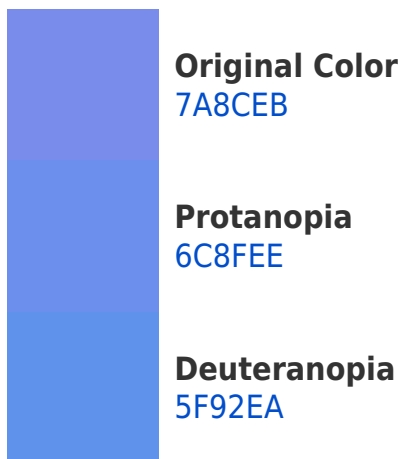


This preview shows how white text looks on a background with the Hex color 7A8CEB.

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](#).

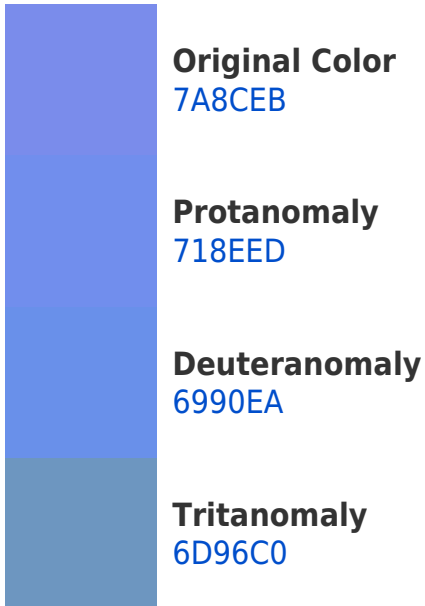
Dichromacy



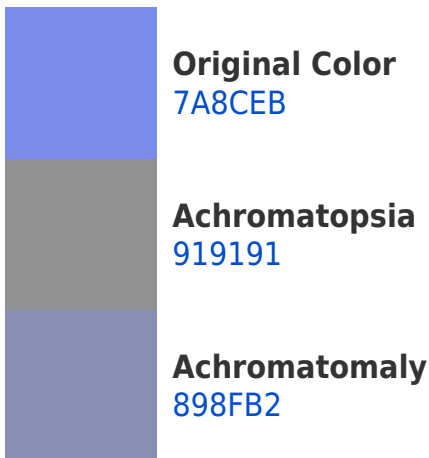


Tritanopia
669BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7A8CEB 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 #7A8CEB looks like.

```
.text, #text, p{  
    color:#7A8CEB  
}
```

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 #7A8CEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A8CEB
}
```

Border

The CSS property to change the border of an element to Hex 7A8CEB 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
#7A8CEB }
```

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

```
.border{ border-color:#7A8CEB }
```

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

Here you see how a box with a 4 pixel #7A8CEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A8CEB; -webkit-box-shadow:4px 4px  
4px 4px #7A8CEB; box-shadow:4px 4px 4px  
4px #7A8CEB }
```

Background

The CSS property to change the background color of an element to Hex 7A8CEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A8CEB }
```

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

```
.background{ background-color:#7A8CEB }
```

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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