

Converting Colors

Hex(7C8DEF)

Have a look what the booklet for
Hex(7C8DEF) contains.

Hex(7C8DEF)	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(7C8DEF)

Conversions

Conversions Part 1

Format	Color
Hex	7C8DEF
RGB	124, 141, 239
RGB Percent	49%, 55%, 94%
CMY	0.5137, 0.4471, 0.0627
CMYK	0.48, 0.41, 0.00, 0.06
HSL	231°, 78%, 71%
HSV	231°, 48%, 94%
XYZ	33.4170, 29.5668, 85.6071
YIQ	147.0890, -41.5900, 26.8740

Conversions

Conversions Part 2

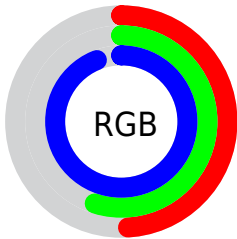
Format	Color
RYB	124, 139, 239
Decimal	8162799
CIELab	61.28, 19.80, -51.35
CIELCh	61, 55.037, 291.083
Yxy	29.5668, 0.2249, 0.1990
Android (android.graphics.Color)	4286352879 (0xFF7C8DEF)
YUV	147.0890, 45.3121, -20.2491
Hunter-Lab	54.3754, 14.5424, -55.2817

Details

The Hex color **7C8DEF** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EFDE7C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B6C2FF**, and **415BB6** is the 20% darker color. If you saturate the color by 10%, you get **6479EF**, and if you desaturate by 10%, it is **94A1EF**.

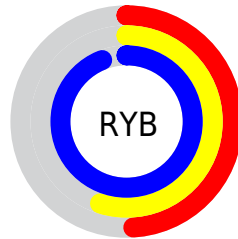
Distribution



Red (49%)

Green (55%)

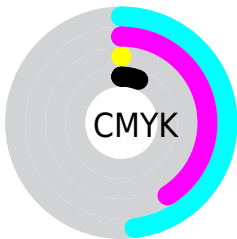
Blue (94%)



Red (49%)

Yellow (55%)

Blue (94%)

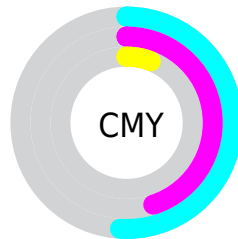


Cyan (48%)

Magenta (41%)

Yellow (0%)

Black (6%)



Cyan (51%)

Magenta (45%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C8DEF 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 7C8DEF by changing the saturation by 10% instead.

 7C8DEF

 7C8DEF

FFFFFF

 5F74D2

 B6C2FF

 415BB6

 D3DEFF

 1D449B

 F1FBFF

 002E81

 001B67

 00004E

 000536

 000220

 000004

 7C8DEF

 7C8DEF

 6479EF

 94A1EF

 4C64EF

 ACB6EF

 3450EF

 C4CAEF

 1C3CEF

 DCDEEF

 0427EF

 F3F3EF

 0023EF

 FFFFEF

Harmonies

Analogous

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



009EF4



7C8DEF



C179D2

Triad

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



7C8DEF



DD7949



00AB83

Complementary

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



7C8DEF



EFDE7C

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.



51A654



7C8DEF



BB8C2E

Square

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



7C8DEF



ED6A74



8D9C32



00ACB5

Rectangle

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



7C8DEF



DD6DB5



8D9C32



00AA73

Sweetspot

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



7C8DEF



DBE1FF



7CEFDE



6A6D80



000000



808080

Same Dimension

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



7C8DEF



6B81FF



A47CEF



6C6E78



001BB8



000838

Inverse Universe

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



EF7C8D



FF6B81



C7EF7C



786C6E



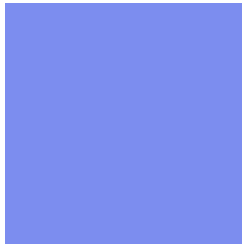
B8001B



380008

Previews

White Background



This preview shows how the Hex color 7C8DEF looks on a white background.

Color Contrast Check

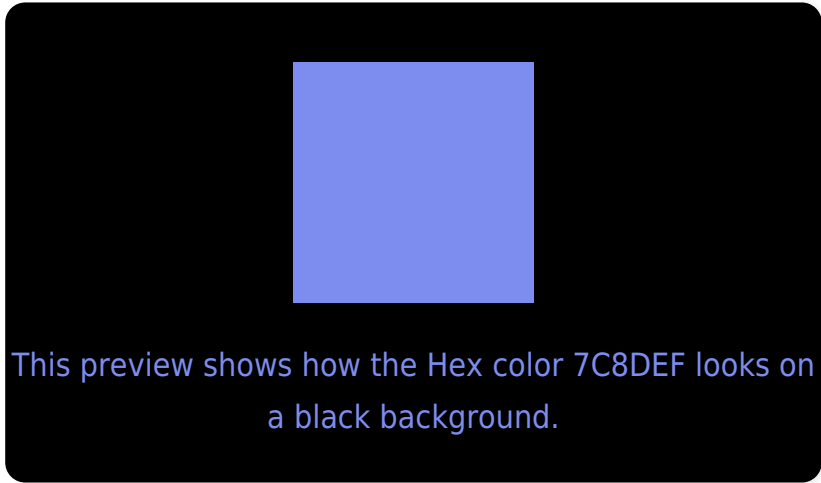
Large Text (above 18pt) WCAG AA ✓ Pass

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

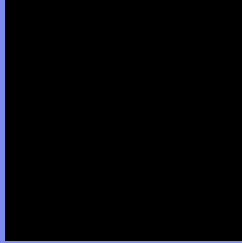
Any Text WCAG AA ✓ Pass

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 7C8DEF Background



This preview shows how black text looks on a background with the Hex color 7C8DEF.



This preview shows how white text looks on a background with the Hex color 7C8DEF.

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](#).

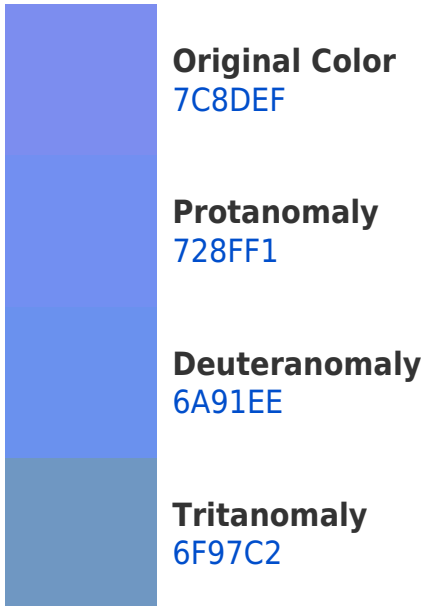
Dichromacy





Tritanopia
679CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7C8DEF 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 #7C8DEF looks like.

```
.text, #text, p{  
    color:#7C8DEF  
}
```

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 #7C8DEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8DEF
}
```

Border

The CSS property to change the border of an element to Hex 7C8DEF 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
#7C8DEF }
```

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

```
.border{ border-color:#7C8DEF }
```

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

Here you see how a box with a 4 pixel #7C8DEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8DEF; -webkit-box-shadow:4px 4px  
4px 4px #7C8DEF; box-shadow:4px 4px 4px  
4px #7C8DEF }
```

Background

The CSS property to change the background color of an element to Hex 7C8DEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8DEF }
```

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

```
.background{ background-color:#7C8DEF }
```

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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