

# Converting Colors

Hex(7F8AED)

Have a look what the booklet for  
Hex(7F8AED) contains.

<b>Hex(7F8AED)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7F8AED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F8AED
RGB	127, 138, 237
RGB Percent	50%, 54%, 93%
CMY	0.5020, 0.4588, 0.0706
CMYK	0.46, 0.42, 0.00, 0.07
HSL	234°, 75%, 71%
HSV	234°, 46%, 93%
XYZ	33.1269, 28.8034, 83.9344
YIQ	145.9970, -38.3350, 28.4570

# Conversions

## Conversions Part 2

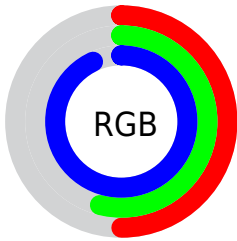
Format	Color
R <sub>Y</sub> B	127, 137, 237
Decimal	8358637
CIE Lab	60.61, 21.67, -51.30
CIE LCh	61, 55.687, 292.896
Yxy	28.8034, 0.2271, 0.1975
Android (android.graphics.Color)	4286548717 (0xFF7F8AED)
YUV	145.9970, 44.8645, -16.6604
Hunter-Lab	53.6688, 16.2583, -55.1574

# Details

The Hex color **7F8AED** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **EDE27F**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B8BFFF**, and **4558B4** is the 20% darker color. If you saturate the color by 10%, you get **6775ED**, and if you desaturate by 10%, it is **979FED**.

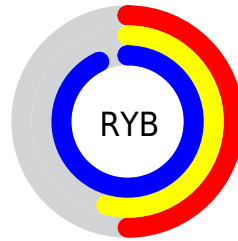
# Distribution



Red (50%)

Green (54%)

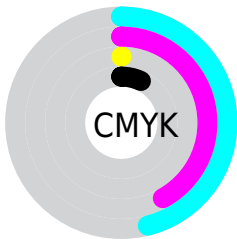
Blue (93%)



Red (50%)

Yellow (54%)

Blue (93%)

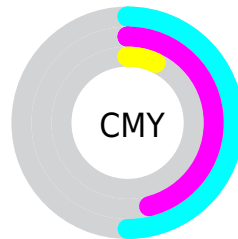


Cyan (46%)

Magenta (42%)

Yellow (0%)

Black (7%)



Cyan (50%)

Magenta (46%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8AED 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 7F8AED by changing the saturation by 10% instead.



■ 7F8AED

■ 7F8AED

FFFFFF

■ 6271D0

■ B8BFFF

■ 4558B4

■ D6DBFF

■ 234199

■ F3F8FF

■ 002C7F

■ 001865

■ 00004D

■ 000535

■ 00021F

■ 000002

■ 7F8AED

■ 7F8AED

■ 6775ED

■ 979FED

■ 505FED

■ AEB5ED

■ 384AED

■ C6CAED

■ 2035ED

■ DEDFED

■ 091FED

■ F6F5ED

■ 0018ED

■ FFFFED

# Harmonies

## Analogous

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



009BF4



7F8AED



C375CE

# Triad

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



7F8AED



DA7844



00A984

# Complementary

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



7F8AED



EDE27F

# 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.



4AA454



7F8AED



B68C2A

# Square

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



7F8AED



EB686F



889B30



00AAB7

# Rectangle

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



7F8AED



DD6AB0



889B30



00A874



# Sweetspot

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



7F8AED



DBDFFF



7FEDE2



6A6C80



000000



808080



# Same Dimension

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



7F8AED



707EFF



AB7FED



6A6B75



0012B5



000536



# Inverse Universe

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



ED7F8A



FF707E



C1ED7F



756A6B



B50012

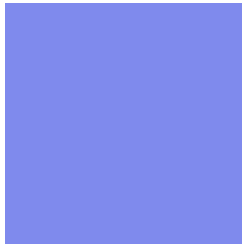


360005



# Previews

## White Background



This preview shows how the Hex color 7F8AED looks on a white background.

## Color Contrast Check

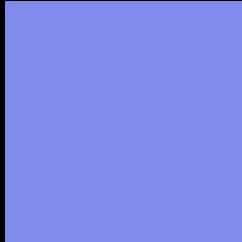
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F8AED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

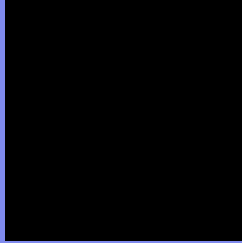
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F8AED Background



This preview shows how black text looks on a background with the Hex color 7F8AED.

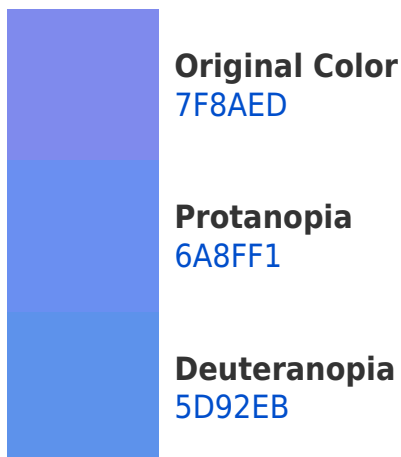


This preview shows how white text looks on a background with the Hex color 7F8AED.

# 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](#).

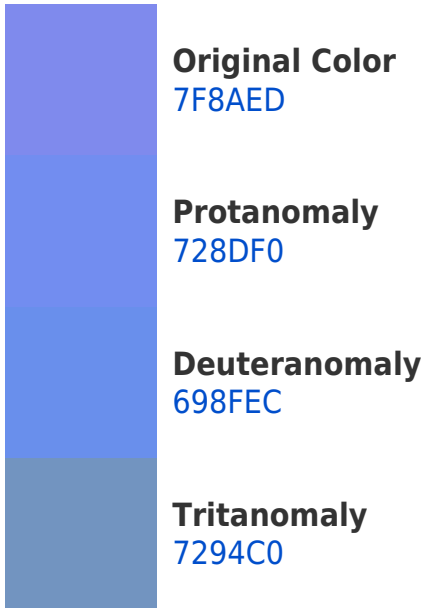
## Dichromacy





**Tritanopia**  
6B99A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8AED 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 #7F8AED looks like.

```
.text, #text, p{  
    color:#7F8AED  
}
```

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 #7F8AED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8AED
}
```

## Border

The CSS property to change the border of an element to Hex 7F8AED 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
#7F8AED }
```

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

```
.border{ border-color:#7F8AED }
```

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

Here you see how a box with a 4 pixel #7F8AED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8AED; -webkit-box-shadow:4px 4px  
4px 4px #7F8AED; box-shadow:4px 4px 4px  
4px #7F8AED }
```

# Background

The CSS property to change the background color of an element to Hex 7F8AED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8AED }
```

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

```
.background{ background-color:#7F8AED }
```

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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