

# Converting Colors

Hex(8E7DC8)

Have a look what the booklet for  
Hex(8E7DC8) contains.

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# Color

Hex(8E7DC8)

# Conversions

## Conversions Part 1

Format	Color
Hex	8E7DC8
RGB	142, 125, 200
RGB Percent	56%, 49%, 78%
CMY	0.4431, 0.5098, 0.2157
CMYK	0.29, 0.37, 0.00, 0.22
HSL	254°, 41%, 64%
HSV	254°, 38%, 78%
XYZ	28.9143, 24.5881, 57.8656
YIQ	138.6330, -13.9430, 26.9290

# Conversions

## Conversions Part 2

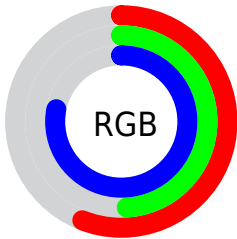
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 125, 200
Decimal	9338312
CIELab	56.67, 23.03, -36.70
CIELCh	57, 43.333, 302.111
Yxy	24.5881, 0.2596, 0.2208
Android (android.graphics.Color)	4287528392 (0xFF8E7DC8)
YUV	138.6330, 30.2539, 2.9529
Hunter-Lab	49.5864, 17.3086, -34.4788

# Details

The Hex color **8E7DC8** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **B7C87D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **C5B2FF**, and **594C92** is the 20% darker color. If you saturate the color by 10%, you get **7F69C8**, and if you desaturate by 10%, it is **9D91C8**.

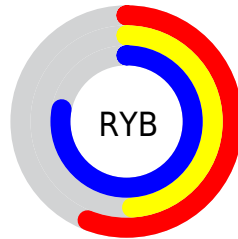
# Distribution



Red (56%)

Green (49%)

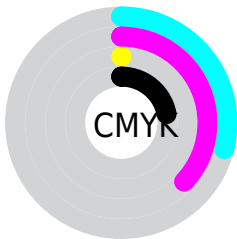
Blue (78%)



Red (56%)

Yellow (49%)

Blue (78%)

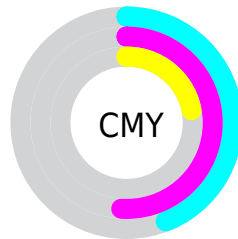


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (51%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E7DC8 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 8E7DC8 by changing the saturation by 10% instead.



8E7DC8

8E7DC8

FFFFFF

7364AC

C5B2FF

594C92

E2CDFF

403578

FFE9FF

261F5E

080B46

000030

00011A

000000

8E7DC8

8E7DC8

 7F69C8

 9D91C8

 6F55C8

 ADA5C8

 6041C8

 BCB9C8

 502DC8

 CCCDC8

 4119C8

 DBE1C8

 3105C8

 EBF5C8

 2D00C8

 FAFFC8

 FFFFC8

# Harmonies

## Analogous

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



498BD3



8E7DC8



B96FAC

# Triad

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



8E7DC8



BA7945



009B89

# Complementary

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



8E7DC8



B7C87D

# 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.



439863



8E7DC8



9C873A

# Square

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



8E7DC8



CC6D62



759145



009AAF

# Rectangle

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



8E7DC8



C96994



759145



009A7C



# Sweetspot

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



8E7DC8



E9E3FF



7DB8C8



736F80



000000



808080



# Same Dimension

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



8E7DC8



A68CFF



B37DC8



5C5A63



2500A3



080024



# Inverse Universe

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



C87DB7



FF8CE5



92C87D



635A61



A3007E

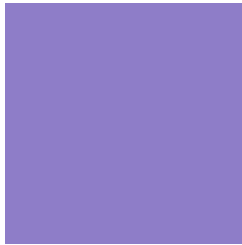


24001C



# Previews

## White Background



This preview shows how the Hex color 8E7DC8 looks on a white background.

## Color Contrast Check

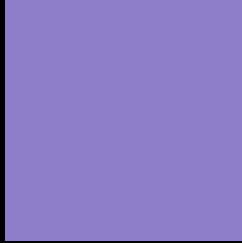
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E7DC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

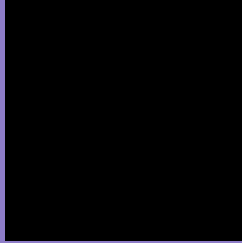
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8E7DC8 Background



This preview shows how black text looks on a background with the Hex color 8E7DC8.



This preview shows how white text looks on a background with the Hex color 8E7DC8.

# 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](#).

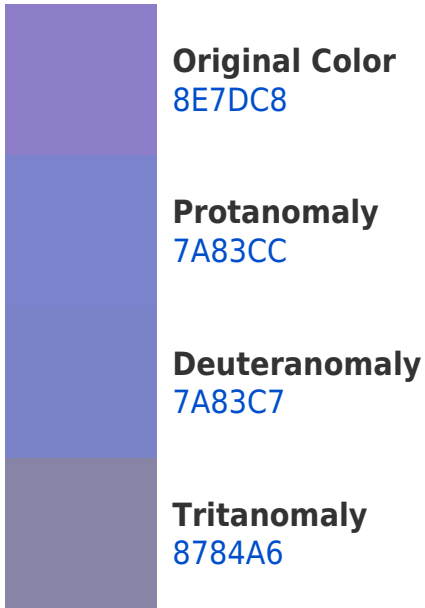
## Dichromacy



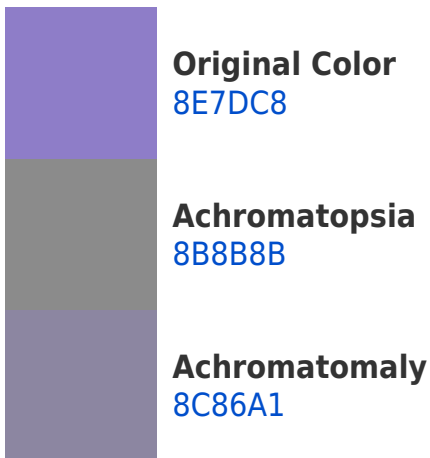


**Tritanopia**  
838893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E7DC8 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 #8E7DC8 looks like.

```
.text, #text, p{  
    color:#8E7DC8  
}
```

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 #8E7DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E7DC8
}
```

## Border

The CSS property to change the border of an element to Hex 8E7DC8 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
#8E7DC8 }
```

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

```
.border{ border-color:#8E7DC8 }
```

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

Here you see how a box with a 4 pixel #8E7DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E7DC8; -webkit-box-shadow:4px 4px  
4px 4px #8E7DC8; box-shadow:4px 4px 4px  
4px #8E7DC8 }
```

# Background

The CSS property to change the background color of an element to Hex 8E7DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E7DC8 }
```

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

```
.background{ background-color:#8E7DC8 }
```

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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