

# Converting Colors

Hex(8E88D5)

Have a look what the booklet for  
Hex(8E88D5) contains.

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# **Color**

**Hex(8E88D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E88D5
RGB	142, 136, 213
RGB Percent	56%, 53%, 84%
CMY	0.4431, 0.4667, 0.1647
CMYK	0.33, 0.36, 0.00, 0.16
HSL	245°, 48%, 68%
HSV	245°, 36%, 84%
XYZ	31.9697, 28.1632, 66.7018
YIQ	146.5720, -21.1410, 25.2190

# Conversions

## Conversions Part 2

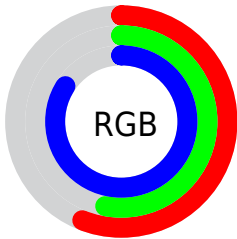
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 136, 213
Decimal	9341141
CIE <sub>Lab</sub>	60.04, 19.98, -38.76
CIE <sub>LCh</sub>	60, 43.611, 297.274
Yxy	28.1632, 0.2521, 0.2220
Android (android.graphics.Color)	4287531221 (0xFF8E88D5)
YUV	146.5720, 32.7490, -4.0096
Hunter-Lab	53.0690, 14.6609, -37.3726

# Details

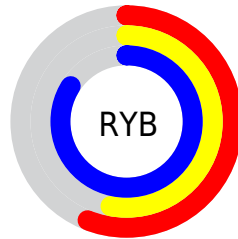
The Hex color **8E88D5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CFD588**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **C6BDFF**, and **59569E** is the 20% darker color. If you saturate the color by 10%, you get **7A73D5**, and if you desaturate by 10%, it is **A29DD5**.

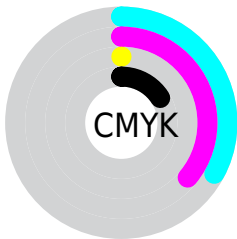
# Distribution



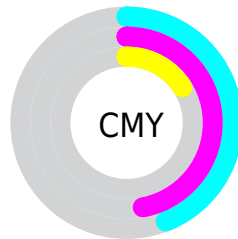
- Red (56%)
- Green (53%)
- Blue (84%)



- Red (56%)
- Yellow (53%)
- Blue (84%)



- Cyan (33%)
- Magenta (36%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (47%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E88D5 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 8E88D5 by changing the saturation by 10% instead.



8E88D5

8E88D5

FFFFFF

736FB9

C6BDFF

59569E

E2D9FF

3E3F83

FFF6FF

23296A

001551

00003A

000223

00000B

000000

 8E88D5

 8E88D5

 7A73D5

 A29DD5

 675DD5

 B5B3D5

 5348D5

 C9C8D5

 3F33D5


 DDDDD5

 2C1ED5

 F0F3D5

 1808D5

 FFFFD5

 1100D5

# Harmonies

## Analogous

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



4396DD



8E88D5



BD79BB

# Triad

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



8E88D5



C87F51



00A48C

# Complementary

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



8E88D5



CFD588

# 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.



55A066



8E88D5



AB8D42

# Square

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



8E88D5



D87470



84994A



00A4B3

# Rectangle

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



8E88D5



D073A3



84994A



23A37E



# Sweetspot

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



8E88D5



E5E3FF



88D0D5



706F80



000000



808080



# Same Dimension

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



8E88D5



9A91FF



B488D5



61606B



0D00AB



03002B



# Inverse Universe

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



D588CF



FF91F6



A9D588



6B606A



AB009E

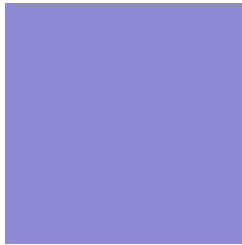


2B0028



# Previews

## White Background



This preview shows how the Hex color 8E88D5 looks on a white background.

## Color Contrast Check

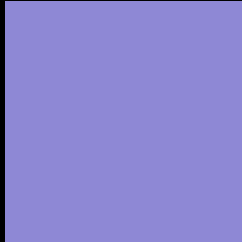
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E88D5 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 8E88D5 Background



This preview shows how black text looks on a background with the Hex color 8E88D5.

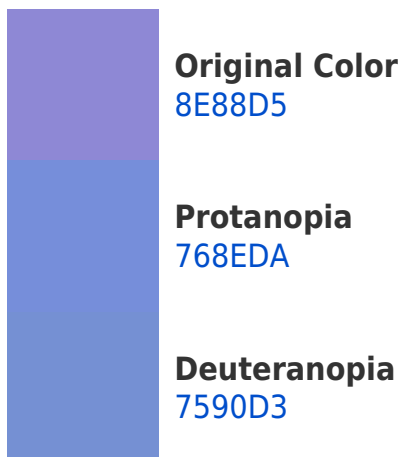


This preview shows how white text looks on a background with the Hex color 8E88D5.

# 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](#).

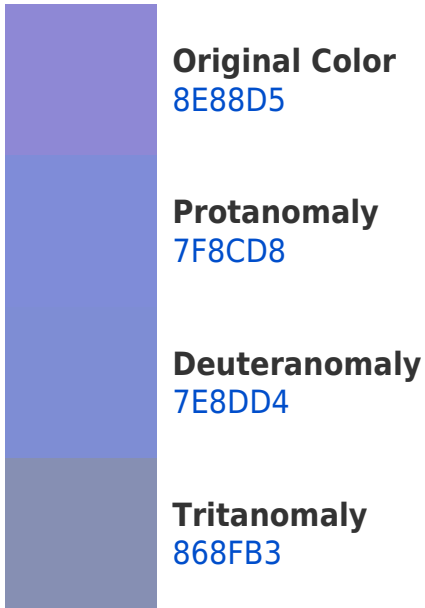
## Dichromacy



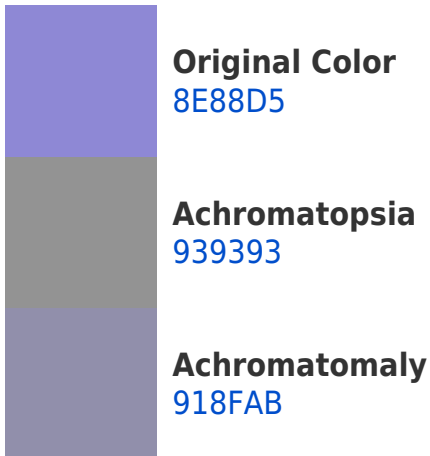


**Tritanopia**  
82939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E88D5 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 #8E88D5 looks like.

```
.text, #text, p{  
    color:#8E88D5  
}
```

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 #8E88D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E88D5
}
```

## Border

The CSS property to change the border of an element to Hex 8E88D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

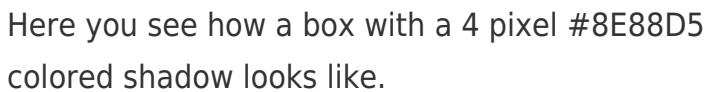
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E88D5 }
```

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

```
.border{ border-color:#8E88D5 }
```

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



Here you see how a box with a 4 pixel #8E88D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E88D5; -webkit-box-shadow:4px 4px  
4px 4px #8E88D5; box-shadow:4px 4px 4px  
4px #8E88D5 }
```

# Background

The CSS property to change the background color of an element to Hex 8E88D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E88D5 }
```

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

```
.background{ background-color:#8E88D5 }
```

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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