

# Converting Colors

Hex(8C8DC5)

Have a look what the booklet for  
Hex(8C8DC5) contains.

<b>Hex(8C8DC5)</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(8C8DC5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C8DC5
RGB	140, 141, 197
RGB Percent	55%, 55%, 77%
CMY	0.4510, 0.4471, 0.2275
CMYK	0.29, 0.28, 0.00, 0.23
HSL	239°, 33%, 66%
HSV	239°, 29%, 77%
XYZ	30.4181, 28.6564, 56.7514
YIQ	147.0850, -18.5720, 17.2040

# Conversions

## Conversions Part 2

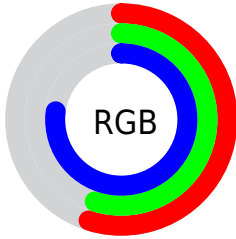
<b>Format</b>	<b>Color</b>
<b>RYB</b>	140, 141, 197
Decimal	9211333
CIELab	60.48, 12.36, -29.10
CIELCh	60, 31.615, 293.021
Yxy	28.6564, 0.2626, 0.2474
Android (android.graphics.Color)	4287401413 (0xFF8C8DC5)
YUV	147.0850, 24.6081, -6.2135
Hunter-Lab	53.5317, 7.7480, -25.3838

# Details

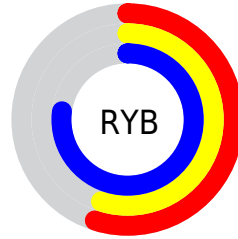
The Hex color **8C8DC5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5C48C**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C3C3FE**, and **585B8F** is the 20% darker color. If you saturate the color by 10%, you get **787AC5**, and if you desaturate by 10%, it is **A0A0C5**.

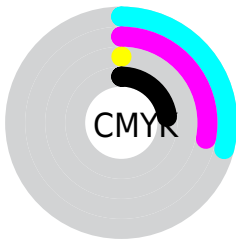
# Distribution



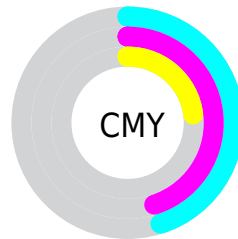
- Red (55%)
- Green (55%)
- Blue (77%)



- Red (55%)
- Yellow (55%)
- Blue (77%)



- Cyan (29%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (45%)
- Magenta (45%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C8DC5 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 8C8DC5 by changing the saturation by 10% instead.



■ 8C8DC5

■ 8C8DC5

FFFFFF

■ 7274AA

■ C3C3FE

■ 585B8F

■ DFDEFF

■ 3F4475

■ FCFBFF

■ 262E5C

■ 0B1944

■ 00002E

■ 000118

■ 000000

■ 8C8DC5


■ 8C8DC5

 787AC5

 A0A0C5

 6566C5

 B3B4C5

 5153C5

 C7C7C5

 3D40C5

 DBDAC5

 2A2CC5

 EFEEC5

 1619C5

 FFFFC5

 0206C5

 0003C5

# Harmonies

## Analogous

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



6097C9



8C8DC5



AF83B4

# Triad

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



8C8DC5



BF8466



4BA08A

# Complementary

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



8C8DC5



C5C48C

# 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.



6E9D6F



8C8DC5



AA8E5A

# Square

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



8C8DC5



C97E7D



8F975E



2CA1A7

# Rectangle

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



8C8DC5



BE7EA3



8F975E



57A081



# Sweetspot

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



8C8DC5



E8E8FF



8CC5C3



717280



000000



808080



# Same Dimension

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



8C8DC5



A6A7FF



A78CC5



5A5A63



0003A3



000124



# Inverse Universe

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



C58C8D



FFA6A7



AAC58C



635A5A



A30003

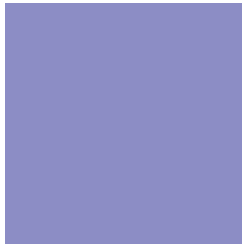


240001



# Previews

## White Background



This preview shows how the Hex color 8C8DC5 looks on a white background.

## Color Contrast Check

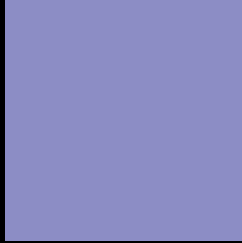
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C8DC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

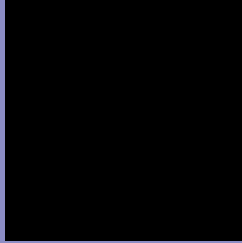
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8C8DC5 Background



This preview shows how black text looks on a background with the Hex color 8C8DC5.



This preview shows how white text looks on a background with the Hex color 8C8DC5.

# 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



**Original Color**  
8C8DC5

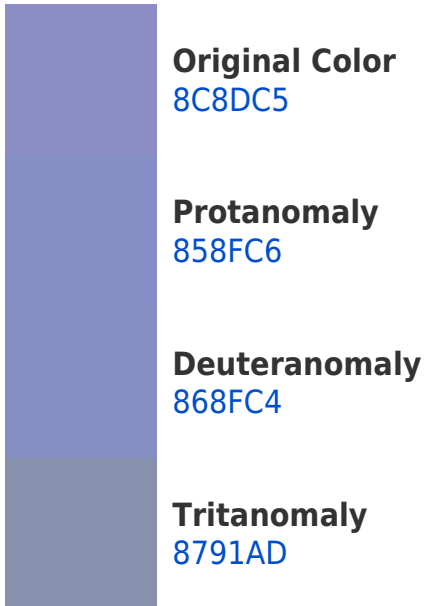
**Protanopia**  
8190C7

**Deuteranopia**  
8390C4

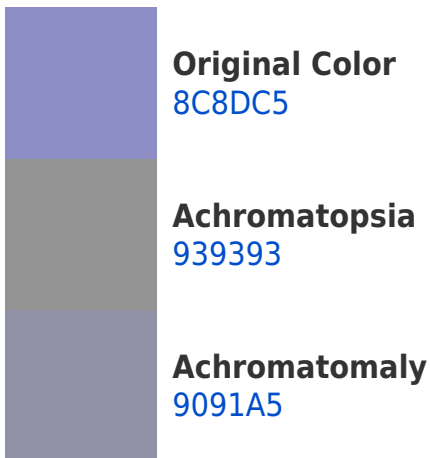


**Tritanopia**  
8494A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C8DC5 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 #8C8DC5 looks like.

```
.text, #text, p{  
    color:#8C8DC5  
}
```

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 #8C8DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C8DC5
}
```

## Border

The CSS property to change the border of an element to Hex 8C8DC5 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
#8C8DC5 }
```

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

```
.border{ border-color:#8C8DC5 }
```

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

Here you see how a box with a 4 pixel #8C8DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C8DC5; -webkit-box-shadow:4px 4px  
4px 4px #8C8DC5; box-shadow:4px 4px 4px  
4px #8C8DC5 }
```

# Background

The CSS property to change the background color of an element to Hex 8C8DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C8DC5 }
```

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

```
.background{ background-color:#8C8DC5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor