

# Converting Colors

Hex(8A83D6)

Have a look what the booklet for  
Hex(8A83D6) contains.

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# Color

**Hex(8A83D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8A83D6
RGB	138, 131, 214
RGB Percent	54%, 51%, 84%
CMY	0.4588, 0.4863, 0.1608
CMYK	0.36, 0.39, 0.00, 0.16
HSL	245°, 50%, 68%
HSV	245°, 39%, 84%
XYZ	30.7351, 26.4909, 67.1117
YIQ	142.5550, -22.4710, 27.2970

# Conversions

## Conversions Part 2

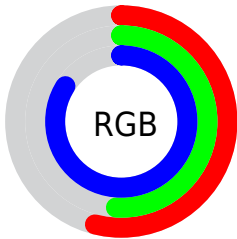
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 131, 214
Decimal	9077718
CIE Lab	58.50, 22.07, -41.76
CIE LCh	59, 47.231, 297.857
Yxy	26.4909, 0.2472, 0.2131
Android (android.graphics.Color)	4287267798 (0xFF8A83D6)
YUV	142.5550, 35.2224, -3.9947
Hunter-Lab	51.4693, 16.5207, -41.2806

# Details

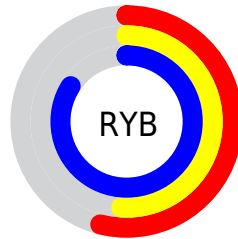
The Hex color **8A83D6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **CFD683**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **C2B8FF**, and **54529F** is the 20% darker color. If you saturate the color by 10%, you get **766ED6**, and if you desaturate by 10%, it is **9E98D6**.

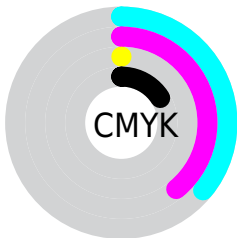
# Distribution



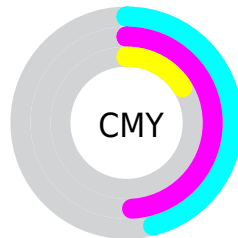
- Red (54%)
- Green (51%)
- Blue (84%)



- Red (54%)
- Yellow (51%)
- Blue (84%)



- Cyan (36%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (46%)
- Magenta (49%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A83D6 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 8A83D6 by changing the saturation by 10% instead.



■ 8A83D6

■ 8A83D6

FFFFFF

■ 6F6ABA

■ C2B8FF

■ 54529F

■ DED4FF

■ 393B84

■ FCF0FF

■ 1C256B

■ 001152

■ 00003A

■ 000224

■ 00000B

■ 000000

 8A83D6

 8A83D6

 766ED6

 9E98D6

 6358D6

 B1AED6

 4F43D6

 C5C3D6

 3C2DD6

 D8D9D6

 2818D6

 ECEED6

 1403D6

 FFFFD6

 1200D6

# Harmonies

## Analogous

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



2E92DF



8A83D6



BD73B9

# Triad

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



8A83D6



C77A47



00A188

# Complementary

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



8A83D6



CFD683

# 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.



489D5F



8A83D6



A78936

# Square

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



8A83D6



D86D68



7E9640



00A1B2

# Rectangle

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



8A83D6



D06B9F



7E9640



00A07A



# Sweetspot

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



8A83D6



E3E0FF



83CFD6



6F6E80



000000



808080



# Same Dimension

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



8A83D6



9187FF



B383D6



61606B



0E00AB



04002B



# Inverse Universe

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



D683CF



FF87F5



A6D683



6B606A



AB009C

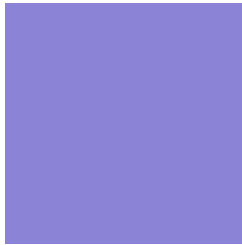


2B0028



# Previews

## White Background



This preview shows how the Hex color 8A83D6 looks on a white background.

## Color Contrast Check

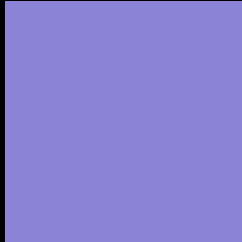
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A83D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

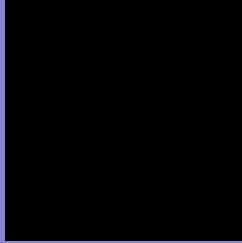
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A83D6 Background



This preview shows how black text looks on a background with the Hex color 8A83D6.

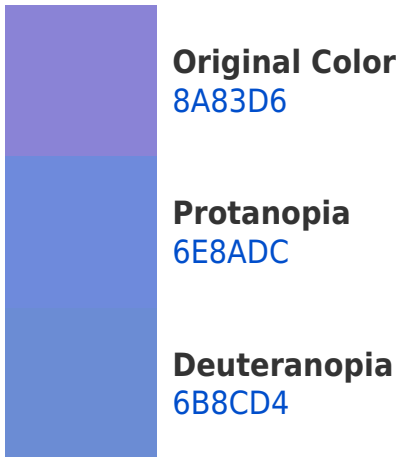


This preview shows how white text looks on a background with the Hex color 8A83D6.

# 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](#).

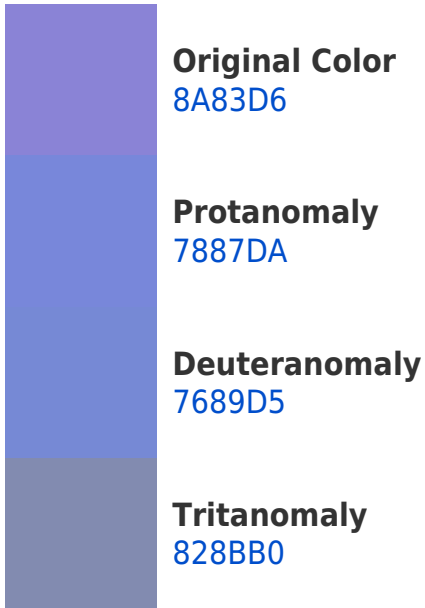
## Dichromacy



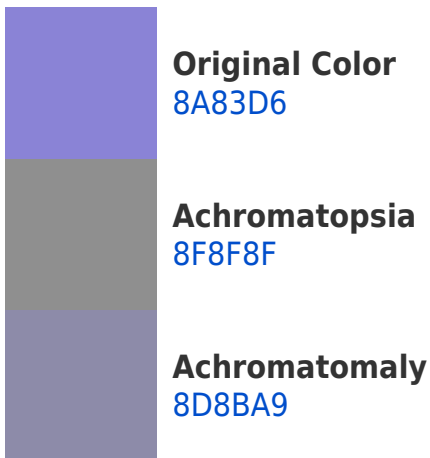


**Tritanopia**  
7D8F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A83D6 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 #8A83D6 looks like.

```
.text, #text, p{  
    color:#8A83D6  
}
```

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 #8A83D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A83D6
}
```

## Border

The CSS property to change the border of an element to Hex 8A83D6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

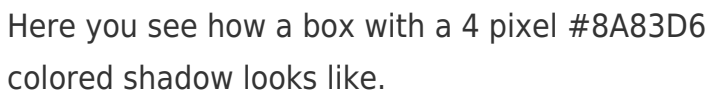
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A83D6 }
```

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

```
.border{ border-color:#8A83D6 }
```

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



Here you see how a box with a 4 pixel #8A83D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A83D6; -webkit-box-shadow:4px 4px  
4px 4px #8A83D6; box-shadow:4px 4px 4px  
4px #8A83D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8A83D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A83D6 }
```

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

```
.background{ background-color:#8A83D6 }
```

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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