

# Converting Colors

Hex(8D7DB5)

Have a look what the booklet for  
Hex(8D7DB5) contains.

<b>Hex(8D7DB5)</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(8D7DB5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D7DB5
RGB	141, 125, 181
RGB Percent	55%, 49%, 71%
CMY	0.4471, 0.5098, 0.2902
CMYK	0.22, 0.31, 0.00, 0.29
HSL	257°, 27%, 60%
HSV	257°, 31%, 71%
XYZ	26.6586, 23.6661, 46.8790
YIQ	136.1680, -8.4400, 20.8080

# Conversions

## Conversions Part 2

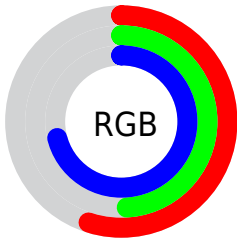
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 125, 181
Decimal	9272757
CIELab	55.75, 18.02, -27.31
CIELCh	56, 32.718, 303.413
Yxy	23.6661, 0.2743, 0.2435
Android (android.graphics.Color)	4287462837 (0xFF8D7DB5)
YUV	136.1680, 22.1022, 4.2377
Hunter-Lab	48.6479, 12.6827, -23.0807

# Details

The Hex color **8D7DB5** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A5B57D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **C3B2ED**, and **5A4C80** is the 20% darker color. If you saturate the color by 10%, you get **806BB5**, and if you desaturate by 10%, it is **9A8FB5**.

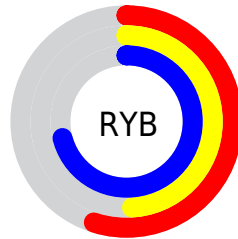
# Distribution



Red (55%)

Green (49%)

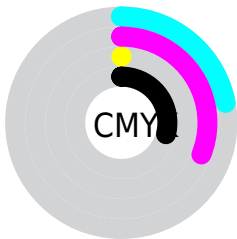
Blue (71%)



Red (55%)

Yellow (49%)

Blue (71%)

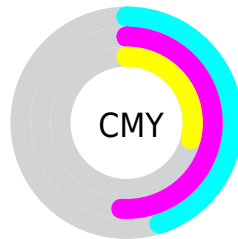


Cyan (22%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (45%)

Magenta (51%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7DB5 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 8D7DB5 by changing the saturation by 10% instead.



■ 8D7DB5

■ 8D7DB5

FFFFFF

■ 73649A

■ C3B2ED

■ 5A4C80

■ E0CDFF

■ 413567

■ FCE9FF

■ 29204E

■ 120B37

■ 000221

■ 000007

■ 000000

■ 8D7DB5

■ 8D7DB5

806BB5

9A8FB5

7359B5

A7A1B5

6647B5

B4B3B5

5935B5

C1C5B5

4C23B5

CED8B5

3F10B5

DBEAB5

3400B5

E8FCB5

F4FFB5

FFFFB5

# Harmonies

## Analogous

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



6187BE



8D7DB5



AC74A0

# Triad

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



8D7DB5



AD7B53



2A9588

# Complementary

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



8D7DB5



A5B57D

# 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.



54926B



8D7DB5



95854C

# Square

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



8D7DB5



BB7268



778D55



0094A4

# Rectangle

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



8D7DB5



B8708D



778D55



39947E



# Sweetspot

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



8D7DB5



DCD5EB



7DA5B5



6C6875



F5F5F5



757575



# Same Dimension

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



8D7DB5



AD94EB



A97DB5



535059



2C0099



07001A



# Inverse Universe

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



B57DA5



EB94D2



89B57D



595057



99006D

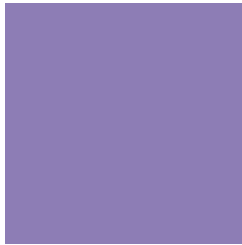


1A0012



# Previews

## White Background



This preview shows how the Hex color 8D7DB5 looks on a white background.

## Color Contrast Check

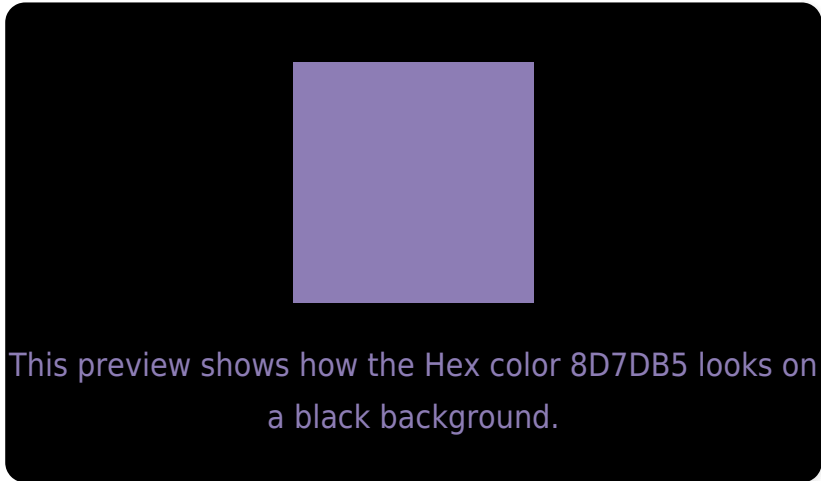
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

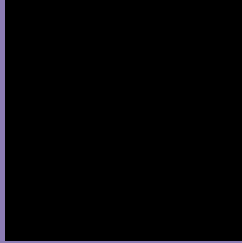
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D7DB5 Background



This preview shows how black text looks on a background with the Hex color 8D7DB5.

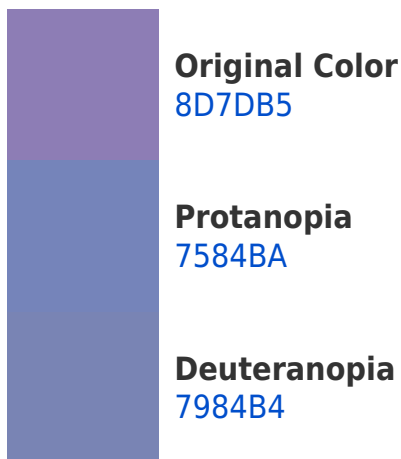



This preview shows how white text looks on a background with the Hex color 8D7DB5.

# 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**  
86848F

# Trichromacy



**Original Color**  
8D7DB5

**Protanomaly**  
7E81B8

**Deuteranomaly**  
8081B4

**Tritanomaly**  
89819D

# Monochromacy



**Original Color**  
8D7DB5

**Achromatopsia**  
888888

**Achromatomaly**  
8A8498

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7DB5 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 #8D7DB5 looks like.

```
.text, #text, p{  
    color:#8D7DB5  
}
```

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 #8D7DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7DB5
}
```

## Border

The CSS property to change the border of an element to Hex 8D7DB5 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
#8D7DB5 }
```

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

```
.border{ border-color:#8D7DB5 }
```

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

Here you see how a box with a 4 pixel #8D7DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7DB5; -webkit-box-shadow:4px 4px  
4px 4px #8D7DB5; box-shadow:4px 4px 4px  
4px #8D7DB5 }
```

# Background

The CSS property to change the background color of an element to Hex 8D7DB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7DB5 }
```

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

```
.background{ background-color:#8D7DB5 }
```

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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