

# Converting Colors

Hex(8D7DE3)

Have a look what the booklet for  
Hex(8D7DE3) contains.

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# Color

Hex(8D7DE3)

# Conversions

## Conversions Part 1

Format	Color
Hex	8D7DE3
RGB	141, 125, 227
RGB Percent	55%, 49%, 89%
CMY	0.4471, 0.5098, 0.1098
CMYK	0.38, 0.45, 0.00, 0.11
HSL	249°, 65%, 69%
HSV	249°, 45%, 89%
XYZ	32.1832, 25.8760, 75.9714
YIQ	141.4120, -23.2060, 35.1140

# Conversions

## Conversions Part 2

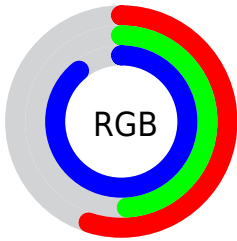
Format	Color
<a href="#">RYB</a>	<a href="#">141, 125, 227</a>
Decimal	<a href="#">9272803</a>
CIELab	<a href="#">57.92, 29.88, -49.94</a>
CIELCh	<a href="#">58, 58.199, 300.893</a>
Yxy	<a href="#">25.8760, 0.2401, 0.1931</a>
Android (android.graphics.Color)	<a href="#">4287462883</a> ( <a href="#">0xFF8D7DE3</a> )
YUV	<a href="#">141.4120, 42.1949, -0.3613</a>
Hunter-Lab	<a href="#">50.8685, 23.9128, -52.9409</a>

# Details

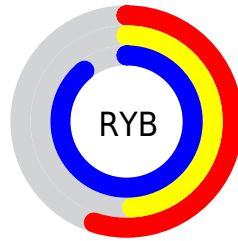
The Hex color **8D7DE3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D3E37D**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **C6B2FF**, and **564CAB** is the 20% darker color. If you saturate the color by 10%, you get **7A66E3**, and if you desaturate by 10%, it is **A094E3**.

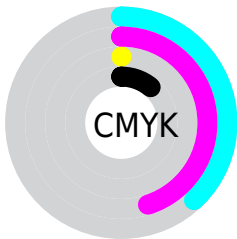
# Distribution



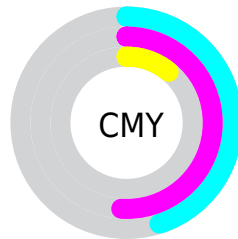
- Red (55%)
- Green (49%)
- Blue (89%)



- Red (55%)
- Yellow (49%)
- Blue (89%)



- Cyan (38%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (51%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D7DE3 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 8D7DE3 by changing the saturation by 10% instead.



8D7DE3

8D7DE3

FFFFFF

7164C7

C6B2FF

564CAB

E3CDFF

393590

FFEAFF

191F76

000B5D

000044

00032D

000117

000000

8D7DE3

8D7DE3

7A66E3

A094E3

6750E3

B3AAE3

5439E3

C6C1E3

4022E3

DAD8E3

2D0BE3

EDEFE3

2400E3

FFFFE3

# Harmonies

## Analogous

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



0091F1



8D7DE3



CA67BE

# Triad

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



8D7DE3



CC7630



00A38B

# Complementary

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



8D7DE3



D3E37D

# 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.



18A057



8D7DE3



A48917

# Square

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



8D7DE3



E4625A



71972B



00A3BE

# Rectangle

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



8D7DE3



DF5C9D



71972B



00A279



# Sweetspot

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



8D7DE3



E3DEFF



7DD4E3



6E6B80



000000



808080



# Same Dimension

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



8D7DE3



8B75FF



BF7DE3



696773



1C00B3



080033



# Inverse Universe

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



E37DD3



FF75E9



A1E37D



736771



B30097

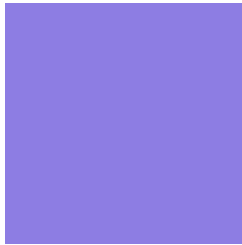


33002B



# Previews

## White Background



This preview shows how the Hex color 8D7DE3 looks on a white background.

## Color Contrast Check

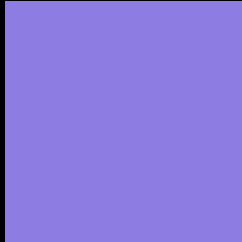
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D7DE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

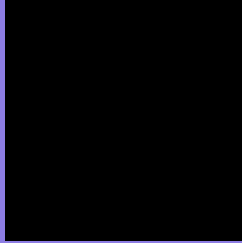
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8D7DE3 Background



This preview shows how black text looks on a background with the Hex color 8D7DE3.

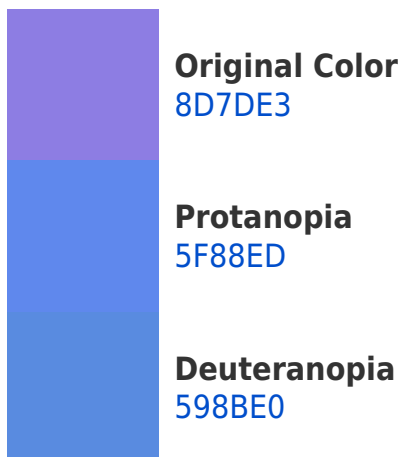


This preview shows how white text looks on a background with the Hex color 8D7DE3.

# 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**  
7C8E99

# Trichromacy



**Original Color**  
8D7DE3

**Protanomaly**  
7084E9

**Deuteranomaly**  
6C86E1

**Tritanomaly**  
8288B4

# Monochromacy



**Original Color**  
8D7DE3

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
8D87AC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D7DE3 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 #8D7DE3 looks like.

```
.text, #text, p{  
    color:#8D7DE3  
}
```

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 #8D7DE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D7DE3  
}
```

## Border

The CSS property to change the border of an element to Hex 8D7DE3 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  
#8D7DE3 }
```

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

```
.border{ border-color:#8D7DE3 }
```

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

Here you see how a box with a 4 pixel #8D7DE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D7DE3; -webkit-box-shadow:4px 4px  
4px 4px #8D7DE3; box-shadow:4px 4px 4px  
4px #8D7DE3 }
```

# Background

The CSS property to change the background color of an element to Hex 8D7DE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D7DE3 }
```

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

```
.background{ background-color:#8D7DE3 }
```

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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