

# Converting Colors

Hex(805DC7)

Have a look what the booklet for  
Hex(805DC7) contains.

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# Color

Hex(805DC7)

# Conversions

## Conversions Part 1

Format	Color
Hex	805DC7
RGB	128, 93, 199
RGB Percent	50%, 36%, 78%
CMY	0.4980, 0.6353, 0.2196
CMYK	0.36, 0.53, 0.00, 0.22
HSL	260°, 49%, 57%
HSV	260°, 53%, 78%
XYZ	23.1252, 16.5414, 56.0068
YIQ	115.5490, -13.1660, 40.3860

# Conversions

## Conversions Part 2

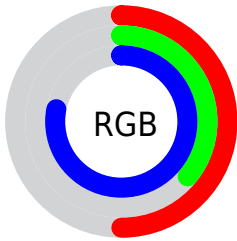
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 93, 199
Decimal	8412615
CIE Lab	47.68, 37.67, -50.46
CIE LCh	48, 62.971, 306.745
Yxy	16.5414, 0.2417, 0.1729
Android (android.graphics.Color)	4286602695 (0xFF805DC7)
YUV	115.5490, 41.1413, 10.9195
Hunter-Lab	40.6711, 30.3190, -53.1764

# Details

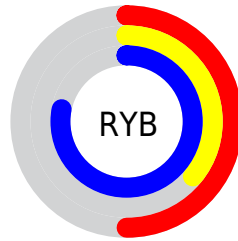
The Hex color **805DC7** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A4C75D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B890FF**, and **492D90** is the 20% darker color. If you saturate the color by 10%, you get **7349C7**, and if you desaturate by 10%, it is **8D71C7**.

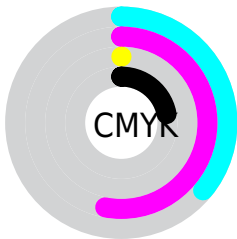
# Distribution



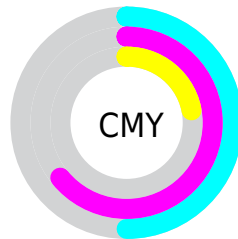
- Red (50%)
- Green (36%)
- Blue (78%)



- Red (50%)
- Yellow (36%)
- Blue (78%)



- Cyan (36%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (64%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 805DC7 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 805DC7 by changing the saturation by 10% instead.



805DC7

805DC7

FFFFFF

6545AB

B890FF

492D90

D5ABFF

2D1676

F2C7FF

08005D

FFE3FF

000045

00032D

000117

000000

805DC7

805DC7

 7349C7

 8D71C7

 6535C7

 9B85C7

 5821C7

 A899C7

 4B0DC7

 B5ADC7

 4200C7

 C3C1C7

 D0D4C7

 DDE8C7

 EBFCC7

 F8FFC7

# Harmonies

## Analogous

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



0074DB



805DC7



B9429C

# Triad

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



805DC7



A95F00



00897C

# Complementary

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



805DC7



A4C75D

# 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.



008645



805DC7



7E7300

# Square

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



805DC7



C64534



457F06



0088B0

# Rectangle

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



805DC7



CA3579



457F06



008869



# Sweetspot

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



805DC7



E4D6FF



5DA5C7



6F6780



000000



808080



# Same Dimension

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



805DC7



925CFF



B45DC7



5D5A63



3600A3



0C0024



# Inverse Universe

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



C75DA4



FF5CC9



70C75D



635A60



A3006D

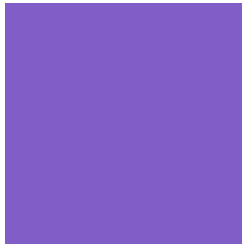


240018



# Previews

## White Background



This preview shows how the Hex color 805DC7 looks on a white background.

## Color Contrast Check

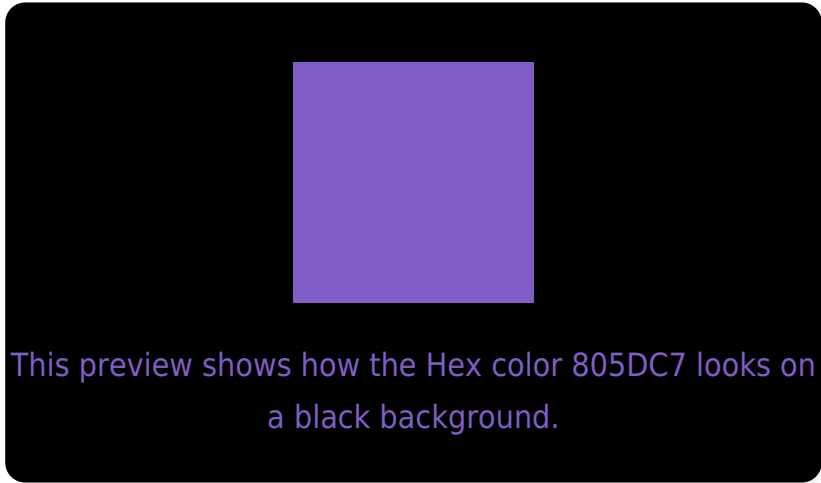
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

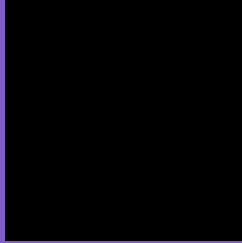
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 805DC7 Background



This preview shows how black text looks on a background with the Hex color 805DC7.

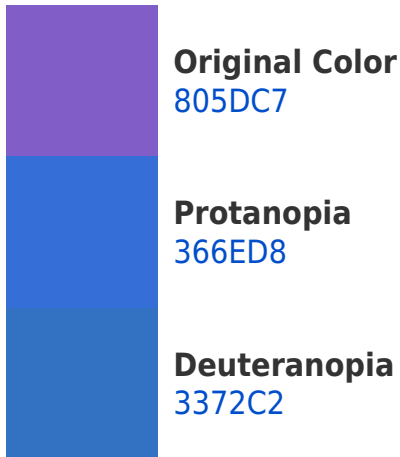


This preview shows how white text looks on a background with the Hex color 805DC7.

# 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**  
707179

# Trichromacy



**Original Color**  
805DC7

**Protanomaly**  
5168D2

**Deuteranomaly**  
4F6AC4

**Tritanomaly**  
766A95

# Monochromacy



**Original Color**  
805DC7

**Achromatopsia**  
747474

**Achromatomaly**  
786C92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 805DC7 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 #805DC7 looks like.

```
.text, #text, p{  
    color:#805DC7  
}
```

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 #805DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #805DC7
}
```

## Border

The CSS property to change the border of an element to Hex 805DC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

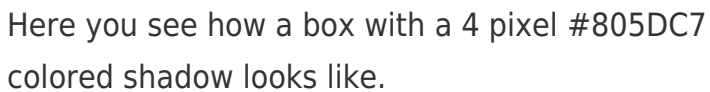
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#805DC7 }
```

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

```
.border{ border-color:#805DC7 }
```

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



Here you see how a box with a 4 pixel #805DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #805DC7; -webkit-box-shadow:4px 4px  
4px 4px #805DC7; box-shadow:4px 4px 4px  
4px #805DC7 }
```

# Background

The CSS property to change the background color of an element to Hex 805DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#805DC7 }
```

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

```
.background{ background-color:#805DC7 }
```

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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