

# Converting Colors

Hex(874CD8)

Have a look what the booklet for  
Hex(874CD8) contains.

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**Color**

**Hex(874CD8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874CD8
RGB	135, 76, 216
RGB Percent	53%, 30%, 85%
CMY	0.4706, 0.7020, 0.1529
CMYK	0.38, 0.65, 0.00, 0.15
HSL	265°, 64%, 57%
HSV	265°, 65%, 85%
XYZ	24.9708, 15.2776, 66.5985
YIQ	109.6010, -9.7760, 56.0480

# Conversions

## Conversions Part 2

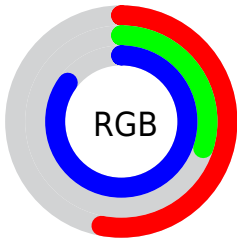
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 76, 216
Decimal	8867032
CIE <sub>Lab</sub>	46.01, 52.94, -62.85
CIE <sub>LCh</sub>	46, 82.179, 310.107
Yxy	15.2776, 0.2337, 0.1430
Android (android.graphics.Color)	4287057112 (0xFF874CD8)
YUV	109.6010, 52.4547, 22.2749
Hunter-Lab	39.0866, 45.6344, -73.6618

# Details

The Hex color **874CD8** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **9DD84C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C180FF**, and **4D17A0** is the 20% darker color. If you saturate the color by 10%, you get **7B36D8**, and if you desaturate by 10%, it is **9362D8**.

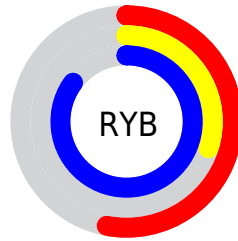
# Distribution



Red (53%)

Green (30%)

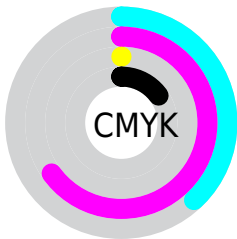
Blue (85%)



Red (53%)

Yellow (30%)

Blue (85%)

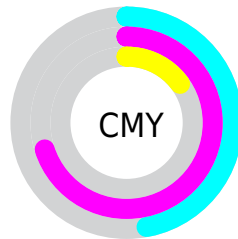


Cyan (38%)

Magenta (65%)

Yellow (0%)

Black (15%)



Cyan (47%)

Magenta (70%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874CD8 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 874CD8 by changing the saturation by 10% instead.



 874CD8

 874CD8

FFFFFF

 6A32BC

 C180FF

 4D17A0

 DE9BFF

 2E0085

 FCB7FF

 00006B

 FFD3FF

 000052

 FFF0FF

 00053A

 000223

 00000A

 000000

 874CD8

 874CD8

 7B36D8

 9362D8

 6E21D8

 A077D8

 620BD8

 AC8DD8

 5B00D8

 B9A2D8

 C5B8D8

 D2CED8

 DEE3D8

 EBF9D8

 F7FFD8

# Harmonies

## Analogous

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



006FF7



874CD8



CC009D

# Triad

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



874CD8



A95800



008983

# Complementary

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



874CD8



9DD84C

# 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.



00863A



874CD8



717200

# Square

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



874CD8



D22913



078000



0088C5

# Rectangle

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



874CD8



DF0070



078000



00886B



# Sweetspot

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



874CD8



E3CFFF



4C9ED8



6F6280



000000



808080



# Same Dimension

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



874CD8



8C38FF



CC4CD8



65606B



4800AB



12002B



# Inverse Universe

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



D84C9D



FF38AB



58D84C



6B6067



AB0063

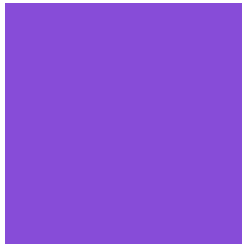


2B0019



# Previews

## White Background



This preview shows how the Hex color 874CD8 looks on a white background.

## Color Contrast Check

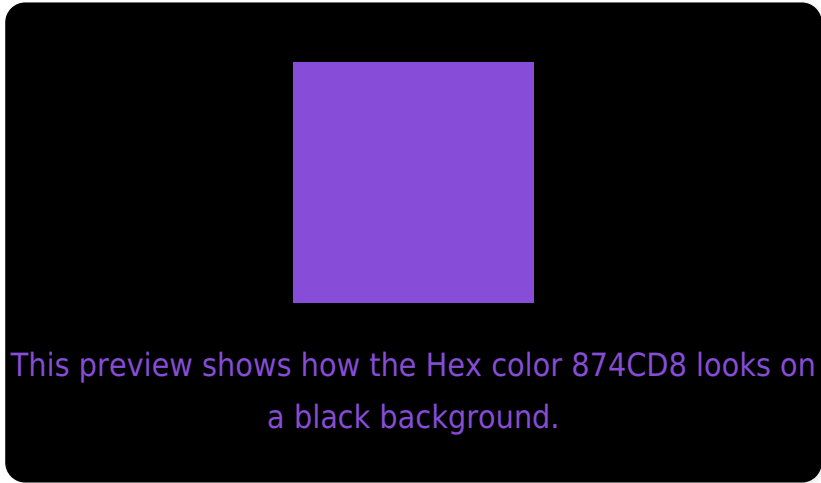
Large Text (above 18pt) WCAG AA ✓ Pass

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

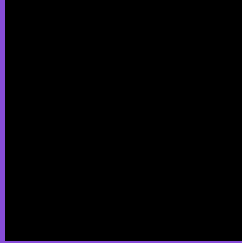
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 874CD8 Background



This preview shows how black text looks on a background with the Hex color 874CD8.

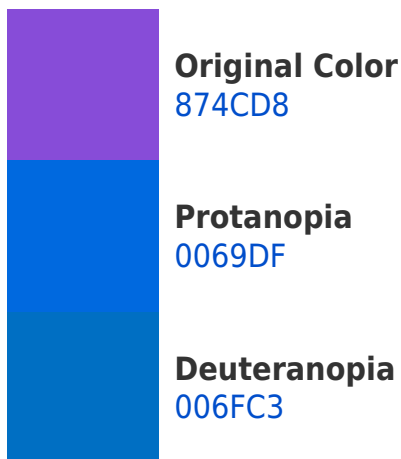



This preview shows how white text looks on a background with the Hex color 874CD8.

# 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](#).

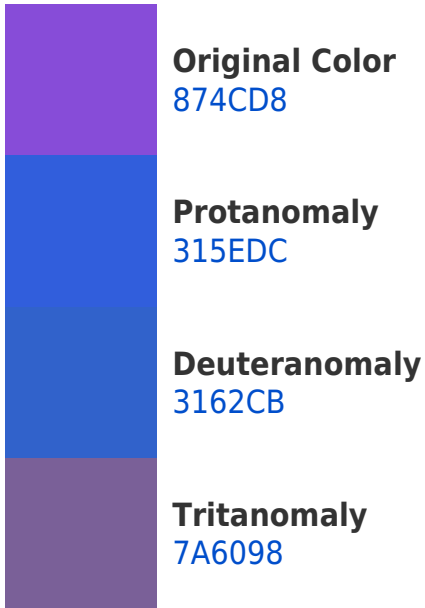
## Dichromacy



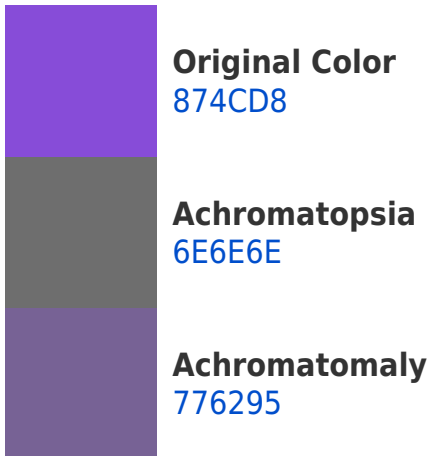


**Tritanopia**  
726B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874CD8 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 #874CD8 looks like.

```
.text, #text, p{  
    color:#874CD8  
}
```

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 #874CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874CD8
}
```

## Border

The CSS property to change the border of an element to Hex 874CD8 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".

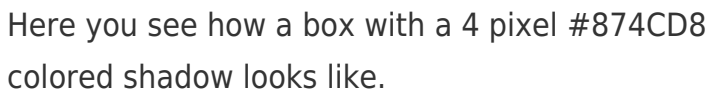
```
.border, #border, table{ border:4px solid
#874CD8 }
```

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

```
.border{ border-color:#874CD8 }
```

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

Here you see how a box with a 4 pixel #874CD8 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874CD8; -webkit-box-shadow:4px 4px  
4px 4px #874CD8; box-shadow:4px 4px 4px  
4px #874CD8 }
```

# Background

The CSS property to change the background color of an element to Hex 874CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874CD8 }
```

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

```
.background{ background-color:#874CD8 }
```

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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