

# Converting Colors

Hex(824DD7)

Have a look what the booklet for  
Hex(824DD7) contains.

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**Color**

**Hex(824DD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	824DD7
RGB	130, 77, 215
RGB Percent	51%, 30%, 84%
CMY	0.4902, 0.6980, 0.1569
CMYK	0.40, 0.64, 0.00, 0.16
HSL	263°, 63%, 57%
HSV	263°, 64%, 84%
XYZ	24.1255, 14.9599, 65.9060
YIQ	108.5790, -12.7100, 54.1540

# Conversions

## Conversions Part 2

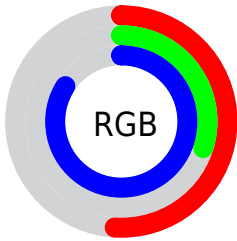
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 77, 215
Decimal	8539607
CIE <sub>Lab</sub>	45.58, 51.15, -63.01
CIE <sub>LCh</sub>	46, 81.159, 309.070
Yxy	14.9599, 0.2298, 0.1425
Android (android.graphics.Color)	4286729687 (0xFF824DD7)
YUV	108.5790, 52.4656, 18.7862
Hunter-Lab	38.6780, 43.6535, -73.9535

# Details

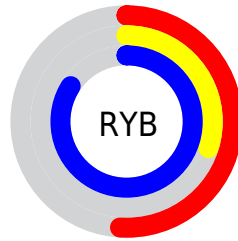
The Hex color **824DD7** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **A2D74D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **BC81FF**, and **481A9F** is the 20% darker color. If you saturate the color by 10%, you get **7537D7**, and if you desaturate by 10%, it is **8F62D7**.

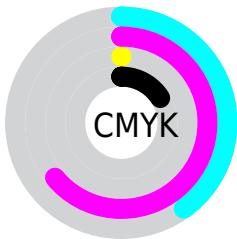
# Distribution



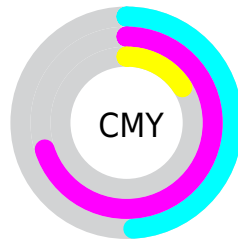
- Red (51%)
- Green (30%)
- Blue (84%)



- Red (51%)
- Yellow (30%)
- Blue (84%)



- Cyan (40%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (70%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 824DD7 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 824DD7 by changing the saturation by 10% instead.



824DD7

824DD7

FFFFFF

6534BB

BC81FF

481A9F

D99CFF

280084

F7B7FF

00006A

FFD3FF

000051

FFF0FF

000539

000223

000009

000000

 824DD7

 824DD7

 7537D7

 8F62D7

 6822D7

 9C78D7

 5A0CD7

 AA8DD7

 5300D7

 B7A3D7

 C4B8D7

 D1CED7

 DFE3D7

 ECF9D7

 F9FFD7

# Harmonies

## Analogous

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



006FF5



824DD7



C9069E

# Triad

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



824DD7



A95600



008780

# Complementary

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



824DD7



A2D74D

# 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.



008537



824DD7



727000

# Square

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



824DD7



D02717



147E00



0087C1

# Rectangle

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



824DD7



DB0071



147E00



008768



# Sweetspot

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



824DD7



E1CFFF



4DA2D7



6D6280



000000



808080



# Same Dimension

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



824DD7



863BFF



C74DD7



65606B



4200AB



11002B



# Inverse Universe

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



D74DA2



FF3BB4



5DD74D



6B6067



AB0069

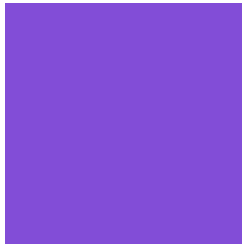


2B001B



# Previews

## White Background



This preview shows how the Hex color 824DD7 looks on a white background.

## Color Contrast Check

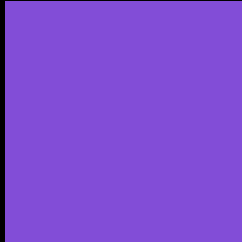
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 824DD7 looks on a 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 824DD7 Background



This preview shows how black text looks on a background with the Hex color 824DD7.




This preview shows how white text looks on a background with the Hex color 824DD7.

# 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



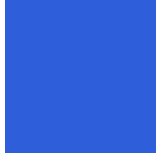


**Tritanopia**  
6C6B73

# Trichromacy



**Original Color**  
824DD7



**Protanomaly**  
2F5EDB



**Deuteranomaly**  
2F62C8



**Tritanomaly**  
746097

# Monochromacy



**Original Color**  
824DD7



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
756194

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 824DD7 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 #824DD7 looks like.

```
.text, #text, p{  
    color:#824DD7  
}
```

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 #824DD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #824DD7
}
```

## Border

The CSS property to change the border of an element to Hex 824DD7 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
#824DD7 }
```

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

```
.border{ border-color:#824DD7 }
```

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

Here you see how a box with a 4 pixel #824DD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #824DD7; -webkit-box-shadow:4px 4px  
4px 4px #824DD7; box-shadow:4px 4px 4px  
4px #824DD7 }
```

# Background

The CSS property to change the background color of an element to Hex 824DD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#824DD7 }
```

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

```
.background{ background-color:#824DD7 }
```

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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