

# Converting Colors

Hex(864AE8)

Have a look what the booklet for  
Hex(864AE8) contains.

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# Color

**Hex(864AE8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	864AE8
RGB	134, 74, 232
RGB Percent	53%, 29%, 91%
CMY	0.4745, 0.7098, 0.0902
CMYK	0.42, 0.68, 0.00, 0.09
HSL	263°, 77%, 60%
HSV	263°, 68%, 91%
XYZ	26.8458, 15.7921, 77.9772
YIQ	109.9520, -14.9580, 61.8580

# Conversions

## Conversions Part 2

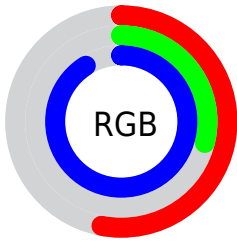
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 74, 232
Decimal	8801000
CIELab	46.70, 57.80, -70.83
CIELCh	47, 91.420, 309.213
Yxy	15.7921, 0.2226, 0.1309
Android (android.graphics.Color)	4286991080 (0xFF864AE8)
YUV	109.9520, 60.1697, 21.0901
Hunter-Lab	39.7393, 51.0416, -88.5226

# Details

The Hex color **864AE8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **ACE84A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C17FFF**, and **4913AF** is the 20% darker color. If you saturate the color by 10%, you get **7833E8**, and if you desaturate by 10%, it is **9461E8**.

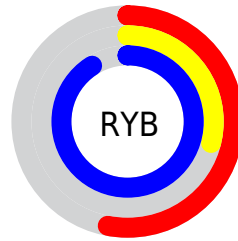
# Distribution



Red (53%)

Green (29%)

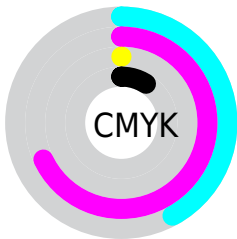
Blue (91%)



Red (53%)

Yellow (29%)

Blue (91%)

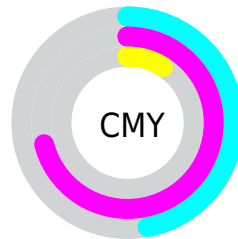


Cyan (42%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (47%)

Magenta (71%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 864AE8 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 864AE8 by changing the saturation by 10% instead.



 864AE8

 864AE8

FFFFFF

 6830CB

 C17FFF

 4913AF

 DF9AFF

 260094

 FEB5FF


 000079

 FFD2FF

 00005F

 FFEFFF

 000846

 00042F

 000119

 000000

 864AE8

 864AE8

 7833E8

 9461E8

 691CE8

 A378E8

 5B04E8

 B190E8

 5800E8

 C0A7E8

 CEBEE8

 DCD5E8

 EBCE8

 F9FFE8

 FFFFE8

# Harmonies

## Analogous

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



0073FF



864AE8



D700A7

# Triad

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



864AE8



B15500



008C85

# Complementary

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



864AE8



ACE84A

# 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.



008A33



864AE8



727400

# Square

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



864AE8



DD0E0A



008300



008CD0

# Rectangle

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



864AE8



EB0074



008300



008C6B



# Sweetspot

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



864AE8



DFCCFF



4AAEE8



6D6180



000000



808080



# Same Dimension

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



864AE8



7D2EFF



D34AE8



6C6773



4400B3



130033



# Inverse Universe

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



E84AAC



FF2EB0



5FE84A



73676E



B3006F

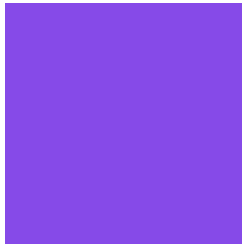


330020



# Previews

## White Background



This preview shows how the Hex color 864AE8 looks on a white background.

## Color Contrast Check

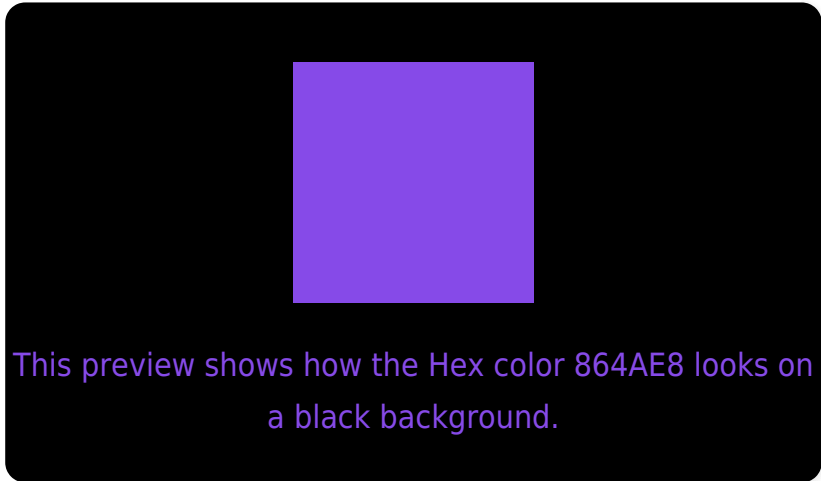
Large Text (above 18pt) WCAG AA ✓ Pass

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 864AE8 Background



This preview shows how black text looks on a background with the Hex color 864AE8.

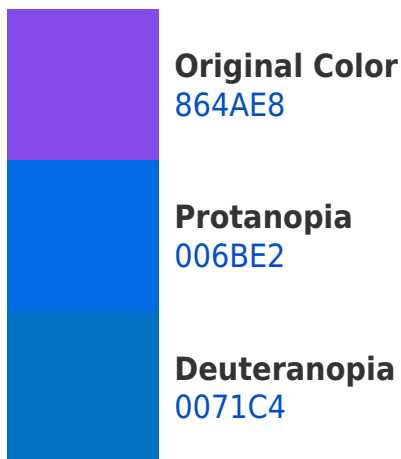


This preview shows how white text looks on a background with the Hex color 864AE8.

# 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



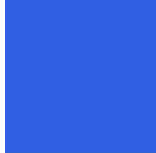


**Tritanopia**  
6C6E77

# Trichromacy



**Original Color**  
864AE8



**Protanomaly**  
315FE4



**Deuteranomaly**  
3163D1



**Tritanomaly**  
7561A0

# Monochromacy



**Original Color**  
864AE8



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
77619A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 864AE8 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 #864AE8 looks like.

```
.text, #text, p{  
    color:#864AE8  
}
```

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 #864AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864AE8
}
```

## Border

The CSS property to change the border of an element to Hex 864AE8 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
#864AE8 }
```

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

```
.border{ border-color:#864AE8 }
```

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

Here you see how a box with a 4 pixel #864AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864AE8; -webkit-box-shadow:4px 4px  
4px 4px #864AE8; box-shadow:4px 4px 4px  
4px #864AE8 }
```

# Background

The CSS property to change the background color of an element to Hex 864AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864AE8 }
```

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

```
.background{ background-color:#864AE8 }
```

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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