

# Converting Colors

Hex(8825E8)

Have a look what the booklet for  
Hex(8825E8) contains.

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# Color

**Hex(8825E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8825E8
RGB	136, 37, 232
RGB Percent	53%, 15%, 91%
CMY	0.4667, 0.8549, 0.0902
CMYK	0.41, 0.84, 0.00, 0.09
HSL	270°, 81%, 53%
HSV	270°, 84%, 91%
XYZ	25.3804, 12.3836, 77.3965
YIQ	88.8310, -3.5910, 81.6330

# Conversions

## Conversions Part 2

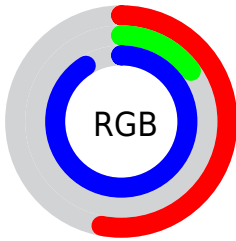
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	136, 37, 232
Decimal	8922600
CIE Lab	41.82, 72.75, -78.80
CIE LCh	42, 107.252, 312.715
Yxy	12.3836, 0.2204, 0.1075
Android (android.graphics.Color)	4287112680 (0xFF8825E8)
YUV	88.8310, 70.5823, 41.3672
Hunter-Lab	35.1903, 67.1570, -105.7675

# Details

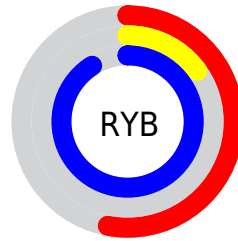
The Hex color **8825E8** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **85E825**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **C561FF**, and **4900AF** is the 20% darker color. If you saturate the color by 10%, you get **7D0EE8**, and if you desaturate by 10%, it is **933CE8**.

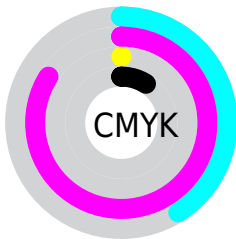
# Distribution



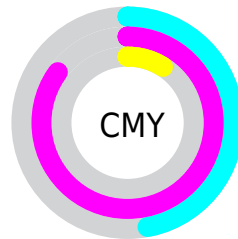
- Red (53%)
- Green (15%)
- Blue (91%)



- Red (53%)
- Yellow (15%)
- Blue (91%)



- Cyan (41%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (85%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8825E8 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 8825E8 by changing the saturation by 10% instead.



 8825E8

 8825E8

FFFFFF

 6900CB

 C561FF

 4900AF

 E37DFF

 230093

 FF99FF

 000079

 FFB6FF

 00005F

 FFD3FF

 000846

 FFF0FF

 00042E

 000119

 000000

 8825E8

 8825E8

 7D0EE8

 933CE8

 7600E8

 9F53E8

 AA6BE8

 B682E8

 C199E8

 CDB0E8

 D8C7E8

 E3DFE8

 EFF6E8

# Harmonies

## Analogous

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



0065FF



8825E8



DD0099

# Triad

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



8825E8



A14A00



008188

# Complementary

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



8825E8



85E825

# 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.



007F28



8825E8



566B00

# Square

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



8825E8



D70000



007900



0082DC

# Rectangle

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



8825E8



EF0060



007900



008069



# Sweetspot

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



8825E8



E0BFFF



2587E8



6D5980



000000



808080



# Same Dimension

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



8825E8



8100FF



E825E8



6D6773



5B00B3



1A0033



# Inverse Universe

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



E82585



FF007E



25E825



73676D



B30058

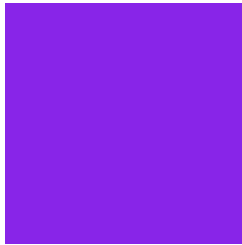


330019



# Previews

## White Background



This preview shows how the Hex color 8825E8 looks on a white background.

## Color Contrast Check

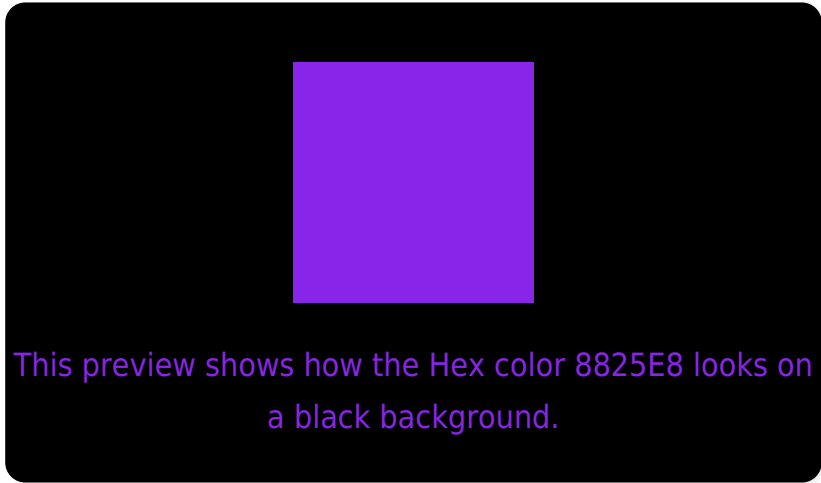
Large Text (above 18pt) WCAG AA ✓ Pass

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

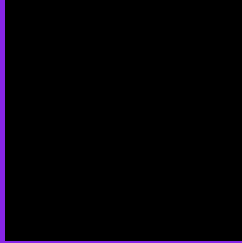
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8825E8 Background



This preview shows how black text looks on a background with the Hex color 8825E8.



This preview shows how white text looks on a background with the Hex color 8825E8.

# 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](#).

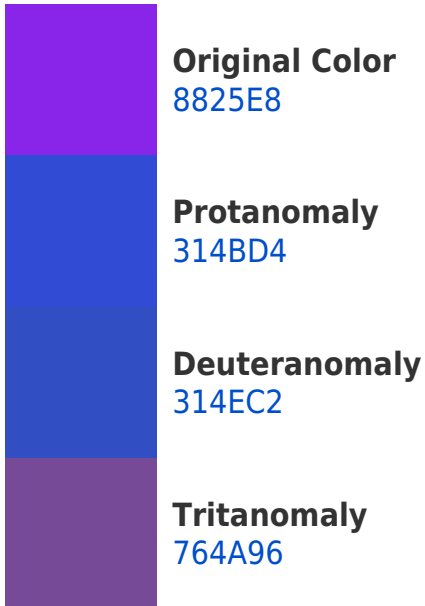
## Dichromacy



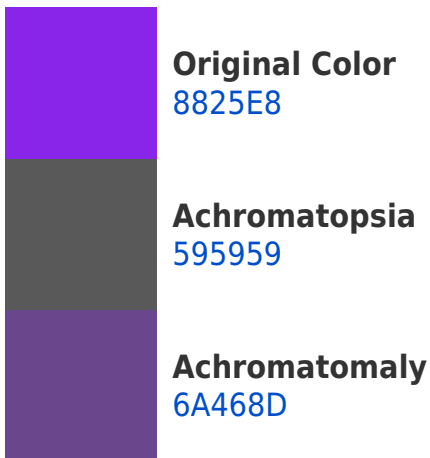


**Tritanopia**  
6B5F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8825E8 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 #8825E8 looks like.

```
.text, #text, p{  
    color:#8825E8  
}
```

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 #8825E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8825E8
}
```

## Border

The CSS property to change the border of an element to Hex 8825E8 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
#8825E8 }
```

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

```
.border{ border-color:#8825E8 }
```

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

Here you see how a box with a 4 pixel #8825E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8825E8; -webkit-box-shadow:4px 4px  
4px 4px #8825E8; box-shadow:4px 4px 4px  
4px #8825E8 }
```

# Background

The CSS property to change the background color of an element to Hex 8825E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8825E8 }
```

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

```
.background{ background-color:#8825E8 }
```

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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