

# Converting Colors

Hex(875ED0)

Have a look what the booklet for  
Hex(875ED0) contains.

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# Color

**Hex(875ED0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	875ED0
RGB	135, 94, 208
RGB Percent	53%, 37%, 82%
CMY	0.4706, 0.6314, 0.1843
CMYK	0.35, 0.55, 0.00, 0.18
HSL	262°, 55%, 59%
HSV	262°, 55%, 82%
XYZ	25.3795, 17.7104, 61.7553
YIQ	119.2550, -12.1580, 44.1460

# Conversions

## Conversions Part 2

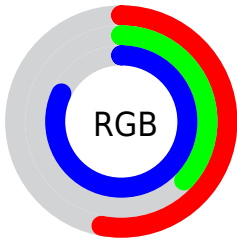
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	135, 94, 208
Decimal	8871632
CIE Lab	49.14, 41.18, -53.24
CIE LCh	49, 67.307, 307.725
Yxy	17.7104, 0.2421, 0.1689
Android (android.graphics.Color)	4287061712 (0xFF875ED0)
YUV	119.2550, 43.7513, 13.8084
Hunter-Lab	42.0837, 34.0021, -57.5460

# Details

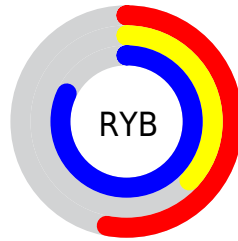
The Hex color **875ED0** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A7D05E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C092FF**, and **502D99** is the 20% darker color. If you saturate the color by 10%, you get **7A49D0**, and if you desaturate by 10%, it is **9473D0**.

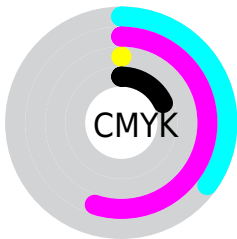
# Distribution



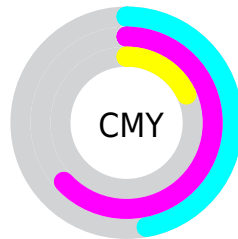
- Red (53%)
- Green (37%)
- Blue (82%)



- Red (53%)
- Yellow (37%)
- Blue (82%)



- Cyan (35%)
- Magenta (55%)
- Yellow (0%)
- Black (18%)



- Cyan (47%)
- Magenta (63%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 875ED0 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 875ED0 by changing the saturation by 10% instead.



875ED0

875ED0

FFFFFF

6B45B4

C092FF

502D99

DDADFF

33167E

FAC8FF

110065

FFE5FF

00004C

000434

00021E

000000

875ED0

875ED0

7A49D0

9473D0

6C34D0

A288D0

5F20D0

AF9CD0

520BD0

BCB1D0

4B00D0

CAC6D0

D7DBD0

E4F0D0

F2FFD0

FFFFD0

# Harmonies

## Analogous

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



0077E7



875ED0



C33FA1

# Triad

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



875ED0



AF6200



008E83

# Complementary

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



875ED0



A7D05E

# 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.



008B47



875ED0



807700

# Square

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



875ED0



CF4532



418400



008DBA

# Rectangle

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



875ED0



D5317C



418400



008D6F



# Sweetspot

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



875ED0



E5D6FF



5EA8D0



706780



000000



808080



# Same Dimension

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



875ED0



9357FF



BF5ED0



625E69



3D00A8



0F0029



# Inverse Universe

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



D05EA7



FF57C2



6FD05E



695E65



A8006C

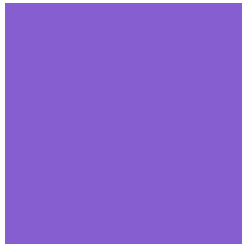


29001A



# Previews

## White Background



This preview shows how the Hex color 875ED0 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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 875ED0 Background



This preview shows how black text looks on a background with the Hex color 875ED0.



This preview shows how white text looks on a background with the Hex color 875ED0.

# 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](#).

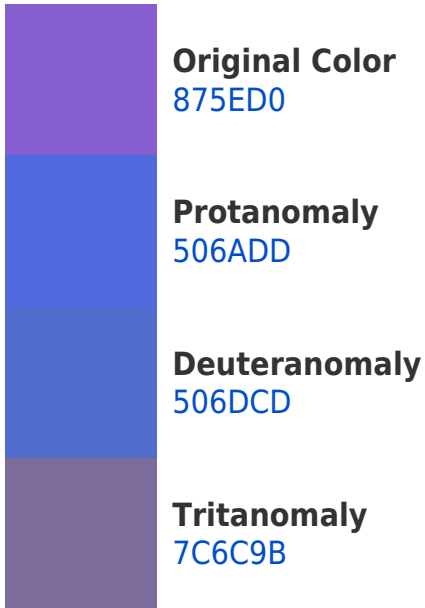
## Dichromacy



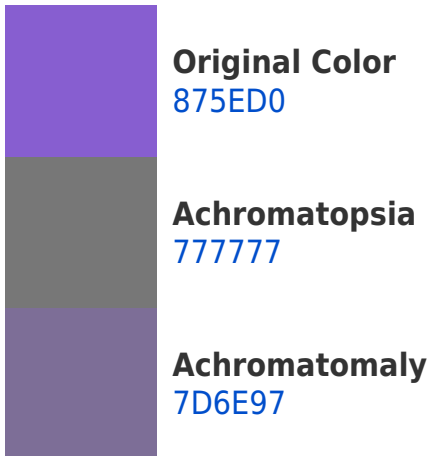


**Tritanopia**  
76747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 875ED0 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 #875ED0 looks like.

```
.text, #text, p{  
    color:#875ED0  
}
```

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 #875ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #875ED0
}
```

## Border

The CSS property to change the border of an element to Hex 875ED0 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
#875ED0 }
```

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

```
.border{ border-color:#875ED0 }
```

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

Here you see how a box with a 4 pixel #875ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #875ED0; -webkit-box-shadow:4px 4px  
4px 4px #875ED0; box-shadow:4px 4px 4px  
4px #875ED0 }
```

# Background

The CSS property to change the background color of an element to Hex 875ED0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#875ED0 }
```

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

```
.background{ background-color:#875ED0 }
```

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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