

# Converting Colors

Hex(865FD5)

Have a look what the booklet for  
Hex(865FD5) contains.

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# Color

**Hex(865FD5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865FD5
RGB	134, 95, 213
RGB Percent	53%, 37%, 84%
CMY	0.4745, 0.6275, 0.1647
CMYK	0.37, 0.55, 0.00, 0.16
HSL	260°, 58%, 60%
HSV	260°, 55%, 84%
XYZ	25.9340, 18.0568, 65.0692
YIQ	120.1130, -14.6340, 44.9660

# Conversions

## Conversions Part 2

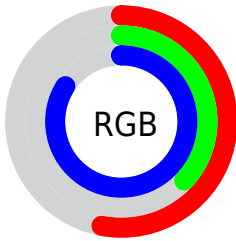
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 95, 213
Decimal	8806357
CIE <sub>Lab</sub>	49.56, 41.69, -55.42
CIE <sub>LCh</sub>	50, 69.351, 306.955
Yxy	18.0568, 0.2378, 0.1656
Android (android.graphics.Color)	4286996437 (0xFF865FD5)
YUV	120.1130, 45.7933, 12.1789
Hunter-Lab	42.4933, 34.5763, -61.0443

# Details

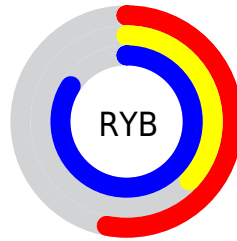
The Hex color **865FD5** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **AED55F**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **BF93FF**, and **4E2E9D** is the 20% darker color. If you saturate the color by 10%, you get **784AD5**, and if you desaturate by 10%, it is **9474D5**.

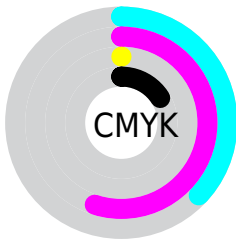
# Distribution



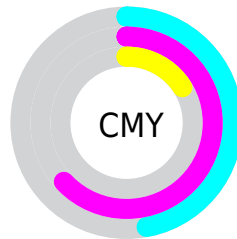
- Red (53%)
- Green (37%)
- Blue (84%)



- Red (53%)
- Yellow (37%)
- Blue (84%)



- Cyan (37%)
- Magenta (55%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (63%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865FD5 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 865FD5 by changing the saturation by 10% instead.



 865FD5

 865FD5


FFFFFF

 6A46B9

 BF93FF

 4E2E9D

 DCAEFF

 311783

 FAC9FF

 0A0069

 FFE6FF

 000050

 000538

 000222

 000007

 000000

865FD5

865FD5

784AD5

9474D5

6934D5

A38AD5

5B1FD5

B19FD5

4D0AD5

BFB4D5

4600D5

CDCAD5

DCDFD5

EAF4D5

F8FFD5

FFFFD5

# Harmonies

## Analogous

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



0079EC



865FD5



C53EA5

# Triad

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



865FD5



B26100



009082

# Complementary

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



865FD5



AED55F

# 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.



008D45



865FD5



827800

# Square

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



865FD5



D34332



428600



008FBC

# Rectangle

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



865FD5



D82D7E



428600



008F6E



# Sweetspot

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



865FD5



E2D4FF



5FB0D5



6E6680



000000



808080



# Same Dimension

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



865FD5



8E57FF



BF5FD5



64606B



3800AB



0E002B



# Inverse Universe

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



D55FAE



FF57C7



75D55F



6B6068



AB0072

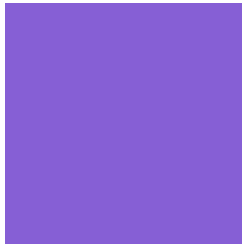


2B001D



# Previews

## White Background



This preview shows how the Hex color 865FD5 looks on a white background.

## Color Contrast Check

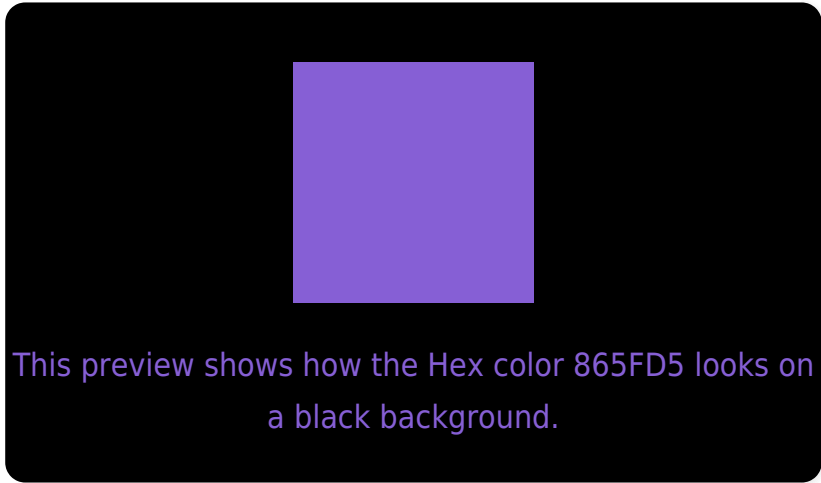
Large Text (above 18pt) WCAG AA ✓ Pass

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

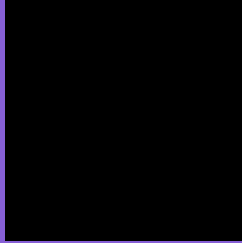
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 865FD5 Background



This preview shows how black text looks on a background with the Hex color 865FD5.

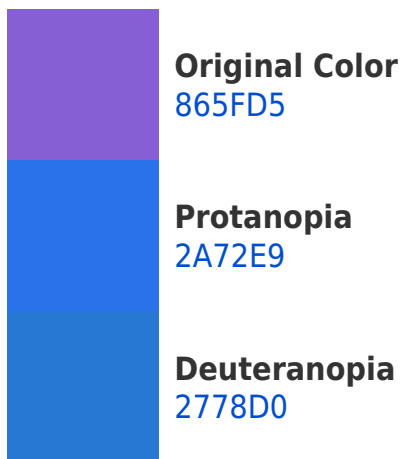



This preview shows how white text looks on a background with the Hex color 865FD5.

# 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](#).

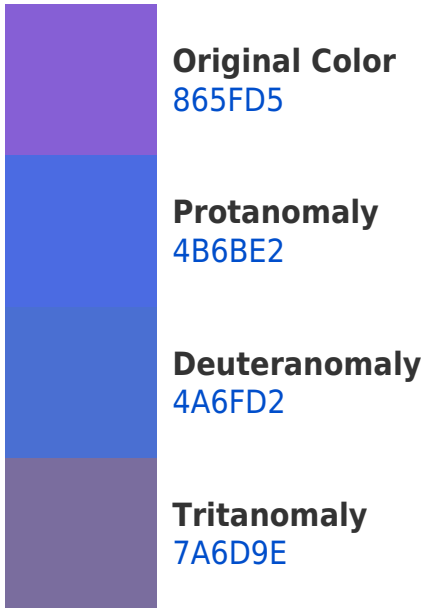
## Dichromacy



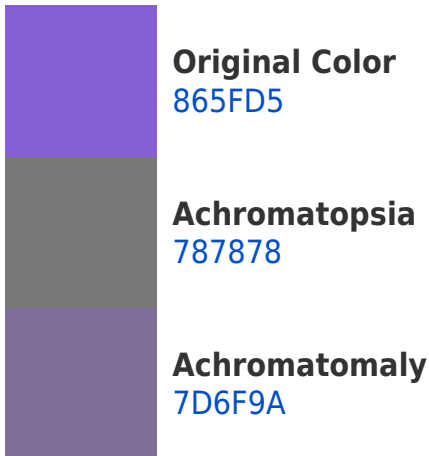


**Tritanopia**  
73757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865FD5 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 #865FD5 looks like.

```
.text, #text, p{  
    color:#865FD5  
}
```

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 #865FD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865FD5
}
```

## Border

The CSS property to change the border of an element to Hex 865FD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

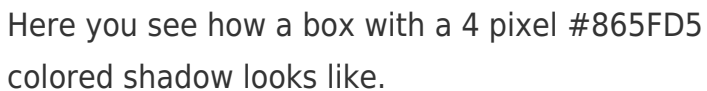
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865FD5 }
```

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

```
.border{ border-color:#865FD5 }
```

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



Here you see how a box with a 4 pixel #865FD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865FD5; -webkit-box-shadow:4px 4px  
4px 4px #865FD5; box-shadow:4px 4px 4px  
4px #865FD5 }
```

# Background

The CSS property to change the background color of an element to Hex 865FD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865FD5 }
```

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

```
.background{ background-color:#865FD5 }
```

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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