

# Converting Colors

Hex(866EC3)

Have a look what the booklet for  
Hex(866EC3) contains.

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# Color

**Hex(866EC3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	866EC3
RGB	134, 110, 195
RGB Percent	53%, 43%, 76%
CMY	0.4745, 0.5686, 0.2353
CMYK	0.31, 0.44, 0.00, 0.24
HSL	257°, 41%, 60%
HSV	257°, 44%, 76%
XYZ	25.2578, 20.1603, 54.1899
YIQ	126.8660, -12.9810, 31.5230

# Conversions

## Conversions Part 2

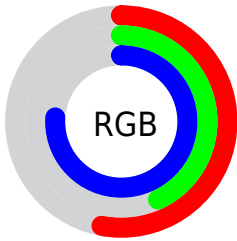
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 110, 195
Decimal	8810179
CIELab	52.02, 28.28, -41.22
CIELCh	52, 49.988, 304.447
Yxy	20.1603, 0.2536, 0.2024
Android (android.graphics.Color)	4287000259 (0xFF866EC3)
YUV	126.8660, 33.5901, 6.2565
Hunter-Lab	44.9002, 21.8363, -40.1266

# Details

The Hex color **866EC3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ABC36E**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BDA2FC**, and **513E8D** is the 20% darker color. If you saturate the color by 10%, you get **785BC3**, and if you desaturate by 10%, it is **9482C3**.

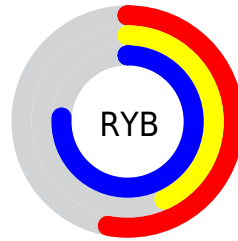
# Distribution



Red (53%)

Green (43%)

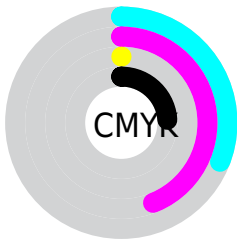
Blue (76%)



Red (53%)

Yellow (43%)

Blue (76%)

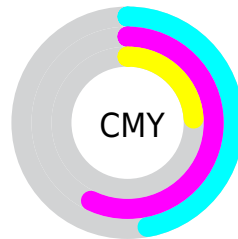


Cyan (31%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (57%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 866EC3 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 866EC3 by changing the saturation by 10% instead.





866EC3



866EC3

FFFFFF



6B55A8



BDA2FC



513E8D



DABDFE



372773



F7D9FF



1B125A



FFF6FF



010042



00032B



000115



000000



866EC3



866EC3

785BC3

9482C3

6A47C3

A295C3

5C33C3

B0A9C3

4E20C3

BEBCC3

400CC3

CCCFC3

3700C3

DAE3C3

E8F6C3

F6FFC3

FFFFC3

# Harmonies

## Analogous

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



267FD2



866EC3



B55CA2

# Triad

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



866EC3



B06C2D



009181

# Complementary

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



866EC3



ABC36E

# 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.



148E55



866EC3



8D7C1E

# Square

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



866EC3



C65C4E



618730



0090AB

# Rectangle

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



866EC3



C55586



618730



009072



# Sweetspot

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



866EC3



E5DCFC



6EACC3



716B80



000000



808080



# Same Dimension

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



866EC3



9E79FC



AF6EC3



5A5761



2D00A1



090021



# Inverse Universe

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



C36EAB



FC79D7



82C36E



61575E



A10073

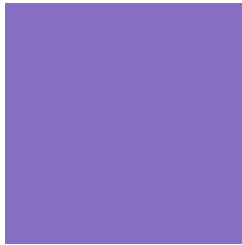


210018



# Previews

## White Background



This preview shows how the Hex color 866EC3 looks on a white background.

## Color Contrast Check

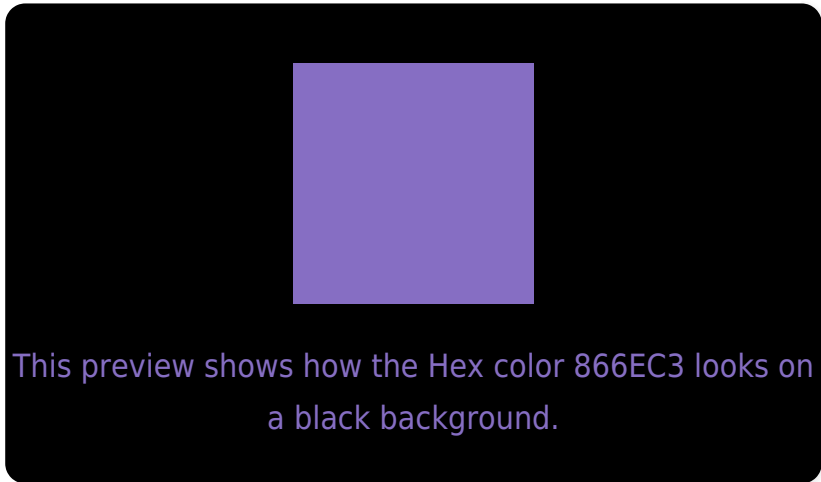
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 866EC3 Background



This preview shows how black text looks on a background with the Hex color 866EC3.




This preview shows how white text looks on a background with the Hex color 866EC3.

# 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](#).

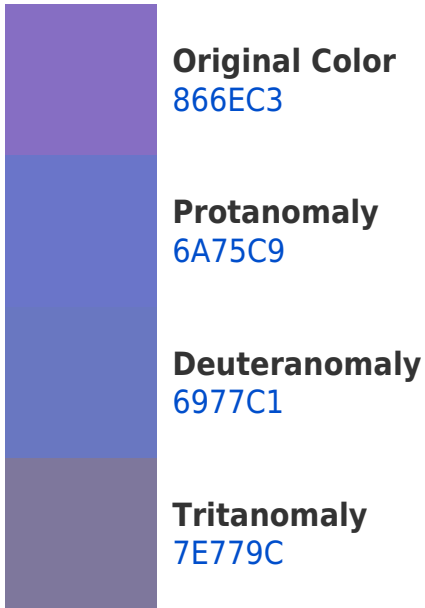
## Dichromacy





**Tritanopia**  
7A7C85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 866EC3 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 #866EC3 looks like.

```
.text, #text, p{  
    color:#866EC3  
}
```

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 #866EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866EC3
}
```

## Border

The CSS property to change the border of an element to Hex 866EC3 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".

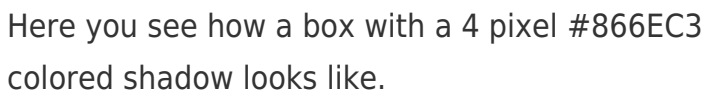
```
.border, #border, table{ border:4px solid
#866EC3 }
```

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

```
.border{ border-color:#866EC3 }
```

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

Here you see how a box with a 4 pixel #866EC3 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right and slightly downwards from the right edge of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866EC3; -webkit-box-shadow:4px 4px  
4px 4px #866EC3; box-shadow:4px 4px 4px  
4px #866EC3 }
```

# Background

The CSS property to change the background color of an element to Hex 866EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866EC3 }
```

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

```
.background{ background-color:#866EC3 }
```

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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