

Converting Colors

Hex(865EC3)

Have a look what the booklet for
Hex(865EC3) contains.

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Color

Hex(865EC3)

Conversions

Conversions Part 1

Format	Color
Hex	865EC3
RGB	134, 94, 195
RGB Percent	53%, 37%, 76%
CMY	0.4745, 0.6314, 0.2353
CMYK	0.31, 0.52, 0.00, 0.24
HSL	264°, 46%, 57%
HSV	264°, 52%, 76%
XYZ	23.6845, 17.0139, 53.6655
YIQ	117.4740, -8.5810, 39.8910

Conversions

Conversions Part 2

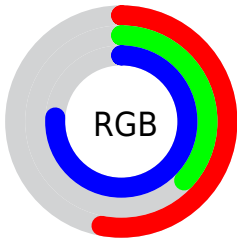
Format	Color
R_{YB}	134, 94, 195
Decimal	8806083
CIE _{Lab}	48.28, 37.58, -47.16
CIE _{LCh}	48, 60.301, 308.551
Yxy	17.0139, 0.2510, 0.1803
Android (android.graphics.Color)	4286996163 (0xFF865EC3)
YUV	117.4740, 38.2203, 14.4933
Hunter-Lab	41.2479, 30.3110, -48.2656

Details

The Hex color **865EC3** 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 **9BC35E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BE91FC**, and **502E8D** is the 20% darker color. If you saturate the color by 10%, you get **7A4BC3**, and if you desaturate by 10%, it is **9272C3**.

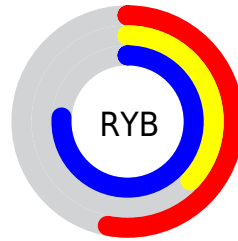
Distribution



Red (53%)

Green (37%)

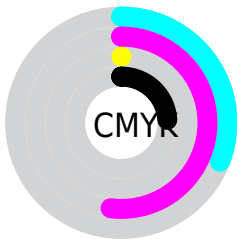
Blue (76%)



Red (53%)

Yellow (37%)

Blue (76%)

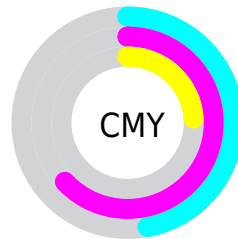


Cyan (31%)

Magenta (52%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (63%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 865EC3 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 865EC3 by changing the saturation by 10% instead.

■ 865EC3

■ 865EC3

FFFFFF

■ 6B46A7

■ BE91FC

■ 502E8D

■ DBACFF

■ 351673

■ F8C8FF

■ 180059

■ FFE4FF

■ 000041

■ 00032A

■ 000114

■ 000000

■ 865EC3

■ 865EC3

7A4BC3

9272C3

6E37C3

9E85C3

6324C3

A999C3

5710C3

B5ACC3

4D00C3

C1C0C3

CDD3C3

D8E7C3

E4FAC3

F0FFC3

Harmonies

Analogous

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



0074D8



865EC3



BA4599

Triad

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



865EC3



A76201



008A80

Complementary

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



865EC3



9BC35E

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.



00874B



865EC3



7D7500

Square

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



865EC3



C44B36



458116



0088B1

Rectangle

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



865EC3



CA3B77



458116



00896F

Sweetspot

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



865EC3



E4D4FC



5E9CC3



716780



000000



808080

Same Dimension

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



865EC3



9E60FC



B75EC3



5B5761



4000A1



0D0021

Inverse Universe

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



C35E9B



FC60BE



6AC35E



61575D



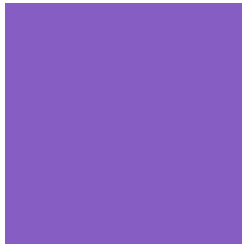
A10061



210014

Previews

White Background



This preview shows how the Hex color 865EC3 looks on a white background.

Color Contrast Check

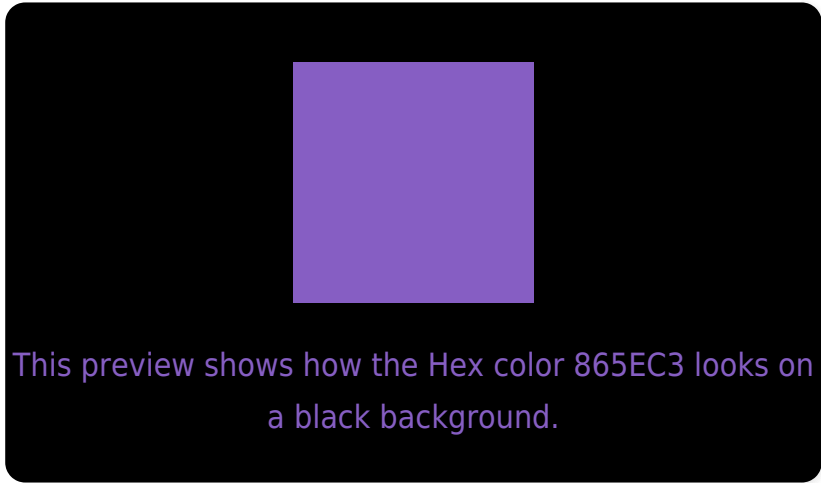
Large Text (above 18pt) WCAG AA ✓ Pass

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

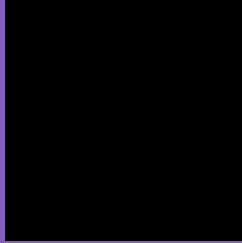
Any Text WCAG AA × Fail

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 865EC3 Background



This preview shows how black text looks on a background with the Hex color 865EC3.

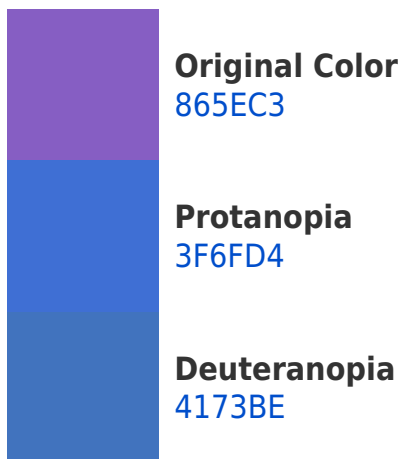


This preview shows how white text looks on a background with the Hex color 865EC3.

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](#).

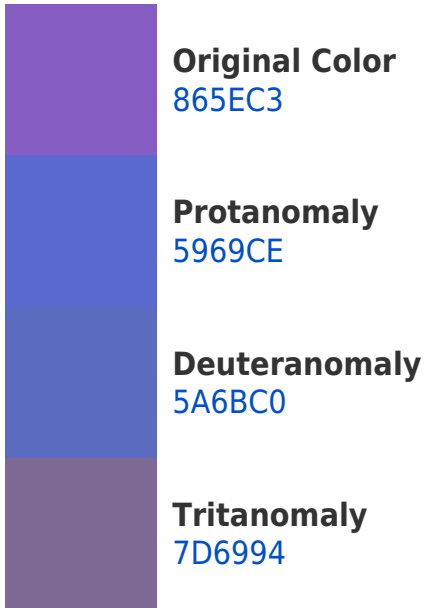
Dichromacy





Tritanopia
787079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 865EC3 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 #865EC3 looks like.

```
.text, #text, p{  
    color:#865EC3  
}
```

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 #865EC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865EC3
}
```

Border

The CSS property to change the border of an element to Hex 865EC3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

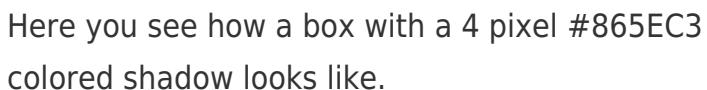
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865EC3 }
```

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

```
.border{ border-color:#865EC3 }
```

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



Here you see how a box with a 4 pixel #865EC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865EC3; -webkit-box-shadow:4px 4px  
4px 4px #865EC3; box-shadow:4px 4px 4px  
4px #865EC3 }
```

Background

The CSS property to change the background color of an element to Hex 865EC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865EC3 }
```

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

```
.background{ background-color:#865EC3 }
```

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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