

Converting Colors

Hex(835EB5)

Have a look what the booklet for
Hex(835EB5) contains.

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Color

Hex(835EB5)

Conversions

Conversions Part 1

Format	Color
Hex	835EB5
RGB	131, 94, 181
RGB Percent	51%, 37%, 71%
CMY	0.4863, 0.6314, 0.2902
CMYK	0.28, 0.48, 0.00, 0.29
HSL	266°, 37%, 54%
HSV	266°, 48%, 71%
XYZ	21.7033, 16.1669, 45.6927
YIQ	114.9810, -5.8750, 34.9010

Conversions

Conversions Part 2

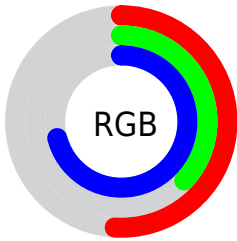
Format	Color
R_{YB}	131, 94, 181
Decimal	8609461
CIE _{Lab}	47.19, 33.23, -40.78
CIE _{LCh}	47, 52.604, 309.170
Yxy	16.1669, 0.2597, 0.1935
Android (android.graphics.Color)	4286799541 (0xFF835EB5)
YUV	114.9810, 32.5474, 14.0487
Hunter-Lab	40.2081, 25.9855, -39.2318

Details

The Hex color **835EB5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **90B55E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **BA91ED**, and **4E2E80** is the 20% darker color. If you saturate the color by 10%, you get **794CB5**, and if you desaturate by 10%, it is **8D70B5**.

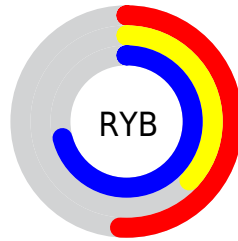
Distribution



Red (51%)

Green (37%)

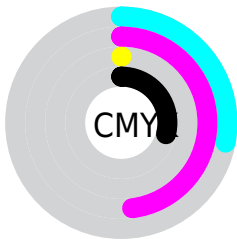
Blue (71%)



Red (51%)

Yellow (37%)

Blue (71%)

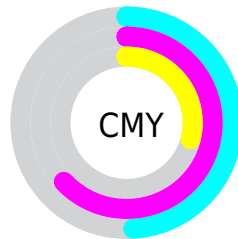


Cyan (28%)

Magenta (48%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (63%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835EB5 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 835EB5 by changing the saturation by 10% instead.

 835EB5

 835EB5

FFFFFF

 68469A

 BA91ED

 4E2E80

 D6ACFF

 351866

 F3C8FF

 1A024D

 FFE4FF

 000036

 000220

 000004

 000000

 835EB5

 835EB5

794CB5

8D70B5

6E3AB5

9882B5

6428B5

A294B5

5916B5

ADA6B5

4F03B5

B7B9B5

4D00B5

C1CBB5

CCDDB5

D6EFB5

E1FFB5

Harmonies

Analogous

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



2071C8



835EB5



AF4B90

Triad

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



835EB5



9F6216



00857D

Complementary

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



835EB5



90B55E

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.



00834F



835EB5



797205

Square

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



835EB5



B8503A



497D25



0083A7

Rectangle

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



835EB5



BD4473



497D25



00846D

Sweetspot

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



835EB5



D8CAEB



5E91B5



6A6175



F5F5F5



757575

Same Dimension

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



835EB5



9C63EB



AE5EB5



545059



410099



0B001A

Inverse Universe

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



B55E90



EB63B1



65B55E



595055



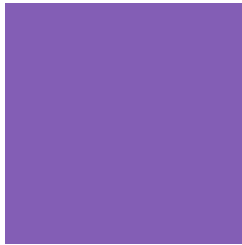
990058



1A000F

Previews

White Background



This preview shows how the Hex color 835EB5 looks on a white background.

Color Contrast Check

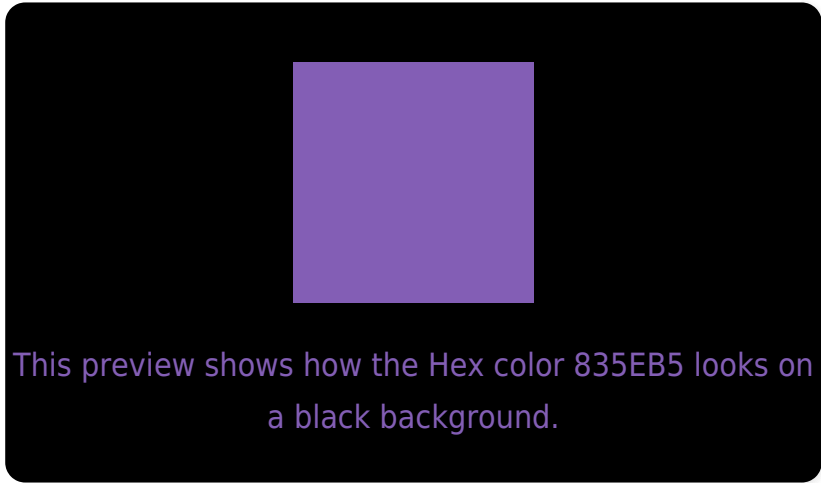
Large Text (above 18pt) WCAG AA ✓ Pass

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

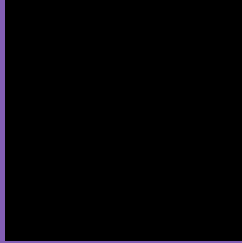
Any Text WCAG AA × Fail

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 835EB5 Background



This preview shows how black text looks on a background with the Hex color 835EB5.

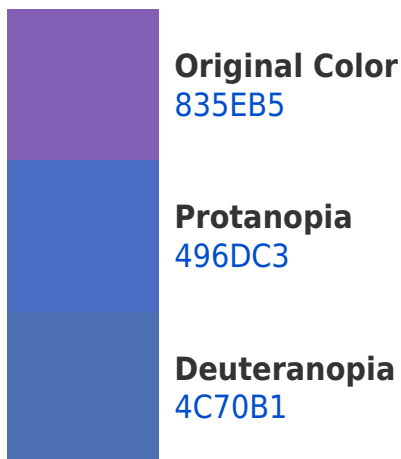


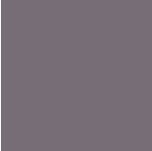
This preview shows how white text looks on a background with the Hex color 835EB5.

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](#).

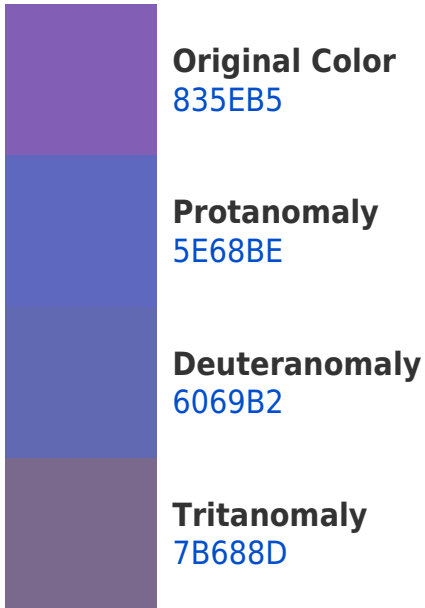
Dichromacy





Tritanopia
776D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 835EB5 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 #835EB5 looks like.

```
.text, #text, p{  
    color:#835EB5  
}
```

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 #835EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835EB5
}
```

Border

The CSS property to change the border of an element to Hex 835EB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

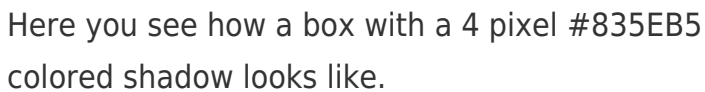
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835EB5 }
```

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

```
.border{ border-color:#835EB5 }
```

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



Here you see how a box with a 4 pixel #835EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835EB5; -webkit-box-shadow:4px 4px  
4px 4px #835EB5; box-shadow:4px 4px 4px  
4px #835EB5 }
```

Background

The CSS property to change the background color of an element to Hex 835EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835EB5 }
```

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

```
.background{ background-color:#835EB5 }
```

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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