

Converting Colors

Hex(837AB5)

Have a look what the booklet for
Hex(837AB5) contains.

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Color

Hex(837AB5)

Conversions

Conversions Part 1

Format	Color
Hex	837AB5
RGB	131, 122, 181
RGB Percent	51%, 48%, 71%
CMY	0.4863, 0.5216, 0.2902
CMYK	0.28, 0.33, 0.00, 0.29
HSL	249°, 29%, 59%
HSV	249°, 33%, 71%
XYZ	24.6601, 22.0806, 46.6783
YIQ	131.4170, -13.5750, 20.2570

Conversions

Conversions Part 2

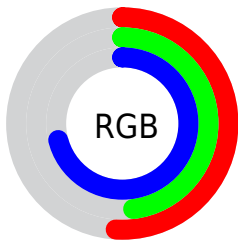
Format	Color
R_{YB}	131, 122, 181
Decimal	8616629
CIE _{Lab}	54.11, 16.69, -29.92
CIE _{LCh}	54, 34.262, 299.156
Yxy	22.0806, 0.2640, 0.2364
Android (android.graphics.Color)	4286806709 (0xFF837AB5)
YUV	131.4170, 24.4444, -0.3657
Hunter-Lab	46.9900, 11.4435, -26.0038

Details

The Hex color **837AB5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **ACB57A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B9AEED**, and **504980** is the 20% darker color. If you saturate the color by 10%, you get **7468B5**, and if you desaturate by 10%, it is **928CB5**.

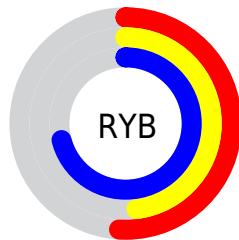
Distribution



Red (51%)

Green (48%)

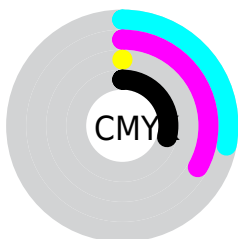
Blue (71%)



Red (51%)

Yellow (48%)

Blue (71%)

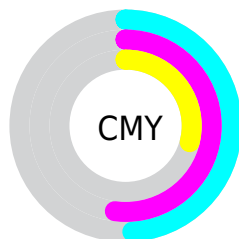


Cyan (28%)

Magenta (33%)

Yellow (0%)

Black (29%)



Cyan (49%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 837AB5 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 837AB5 by changing the saturation by 10% instead.

■ 837AB5

■ 837AB5

FFFFFF

■ 69619A

■ B9AEED

■ 504980

■ D5CAFF

■ 373367

■ F2E6FF

■ 1F1E4E

■ 060637

■ 000221

■ 000006

■ 000000

■ 837AB5

■ 837AB5

 7468B5

 928CB5

 6456B5

 A29EB5

 5544B5

 B1B0B5

 4632B5

 C0C2B5

 361FB5

 D0D5B5

 270DB5

 DFE7B5

 1C00B5

 EEF9B5

 FEFFB5

 FFFFB5

Harmonies

Analogous

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



5285BC



837AB5



A66FA0

Triad

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



837AB5



AC754F



229180

Complementary

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



837AB5



ACB57A

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.



538E62



837AB5



957F45

Square

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



837AB5



B96C66



77884C



00909D

Rectangle

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



837AB5



B46B8D



77884C



359075

Sweetspot

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



837AB5



D7D3EB



7AACB5



696775



F5F5F5



757575

Same Dimension

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



837AB5



9D8FEB



A07AB5



525059



170099



04001A

Inverse Universe

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



B57AAC



EB8FDD



8FB57A



595058



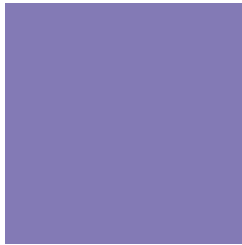
990082



1A0016

Previews

White Background



This preview shows how the Hex color 837AB5 looks on a white background.

Color Contrast Check

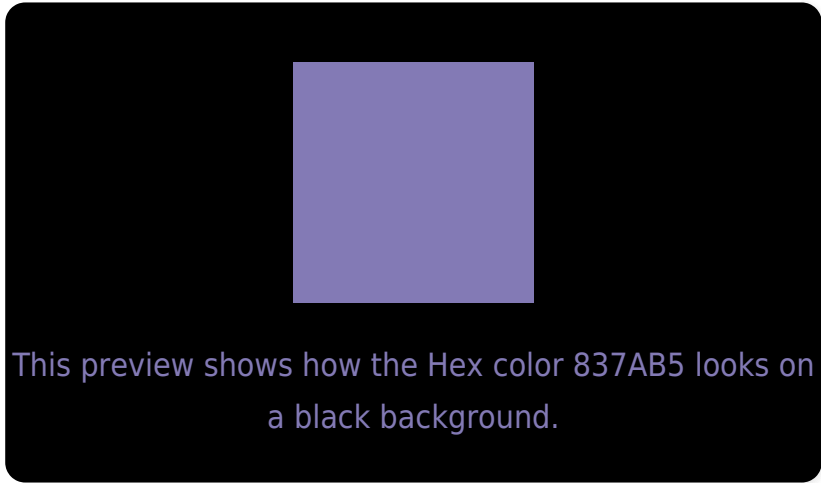
Large Text (above 18pt) WCAG AA ✓ Pass

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 837AB5 Background



This preview shows how black text looks on a background with the Hex color 837AB5.

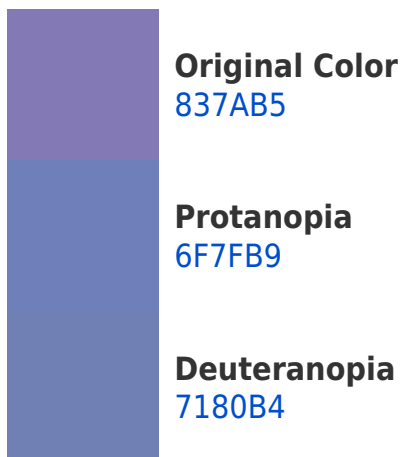


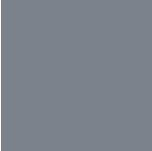
This preview shows how white text looks on a background with the Hex color 837AB5.

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](#).

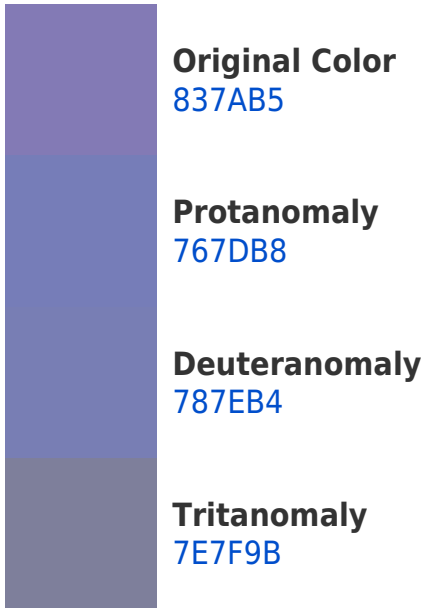
Dichromacy



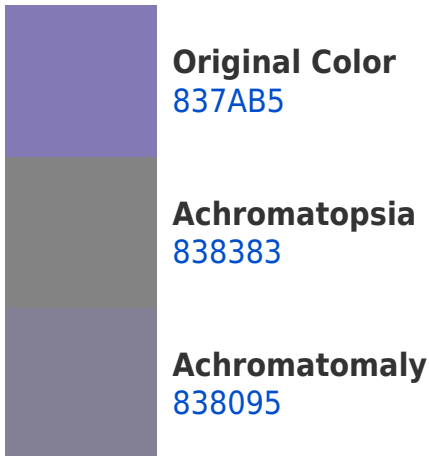


Tritanopia
7B828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 837AB5 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 #837AB5 looks like.

```
.text, #text, p{  
    color:#837AB5  
}
```

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 #837AB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837AB5
}
```

Border

The CSS property to change the border of an element to Hex 837AB5 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
#837AB5 }
```

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

```
.border{ border-color:#837AB5 }
```

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

Here you see how a box with a 4 pixel #837AB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837AB5; -webkit-box-shadow:4px 4px  
4px 4px #837AB5; box-shadow:4px 4px 4px  
4px #837AB5 }
```

Background

The CSS property to change the background color of an element to Hex 837AB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837AB5 }
```

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

```
.background{ background-color:#837AB5 }
```

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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