

Converting Colors

Hex(836DDE)

Have a look what the booklet for
Hex(836DDE) contains.

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Color

Hex(836DDE)

Conversions

Conversions Part 1

Format	Color
Hex	836DDE
RGB	131, 109, 222
RGB Percent	51%, 43%, 87%
CMY	0.4863, 0.5725, 0.1294
CMYK	0.41, 0.51, 0.00, 0.13
HSL	252°, 63%, 65%
HSV	252°, 51%, 87%
XYZ	28.0135, 21.0365, 71.6912
YIQ	128.4600, -23.1610, 39.8070

Conversions

Conversions Part 2

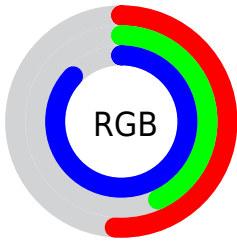
Format	Color
RYB	131, 109, 222
Decimal	8613342
CIELab	52.99, 35.38, -55.05
CIELCh	53, 65.434, 302.729
Yxy	21.0365, 0.2320, 0.1742
Android (android.graphics.Color)	4286803422 (0xFF836DDE)
YUV	128.4600, 46.1152, 2.2276
Hunter-Lab	45.8656, 28.7586, -60.5687

Details

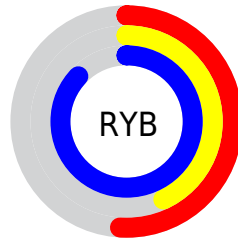
The Hex color **836DDE** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **C8DE6D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BCA1FF**, and **4A3DA6** is the 20% darker color. If you saturate the color by 10%, you get **7157DE**, and if you desaturate by 10%, it is **9583DE**.

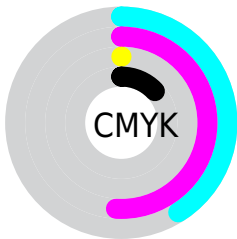
Distribution



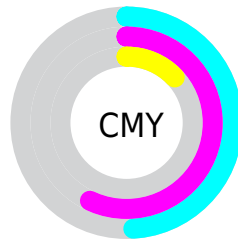
- Red (51%)
- Green (43%)
- Blue (87%)



- Red (51%)
- Yellow (43%)
- Blue (87%)



- Cyan (41%)
- Magenta (51%)
- Yellow (0%)
- Black (13%)



- Cyan (49%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 836DDE 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 836DDE by changing the saturation by 10% instead.

 836DDE

 836DDE

FFFFFF

 6754C2

 BCA1FF

 4A3DA6

 D9BCFF

 2C268B

 F7D8FF

 001171

 FFF5FF

 000058

 000340

 000329

 000112

 000000

 836DDE

 836DDE

 7157DE

 9583DE

 5F41DE

 A799DE

 4D2ADE

 B9B0DE

 3B14DE

 CBC6DE

 2B00DE

 DCDCDE

 EEF2DE

 FFFFDE

Harmonies

Analogous

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



0084F0



836DDE



C551B3

Triad

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



836DDE



C0680E



009882

Complementary

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



836DDE



C8DE6D

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.



009448



836DDE



947E00

Square

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



836DDE



DC4E45



5A8C07



0097BA

Rectangle

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



836DDE



DB438F



5A8C07



00976E

Sweetspot

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



836DDE



E0D9FF



6DC9DE



6D6980



000000



808080

Same Dimension

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



836DDE



8263FF



BA6DDE



676570



2200B0



090030

Inverse Universe

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



DE6DC8



FF63E1



91DE6D



70656E



B0008E



300027

Previews

White Background



This preview shows how the Hex color 836DDE looks on a white background.

Color Contrast Check

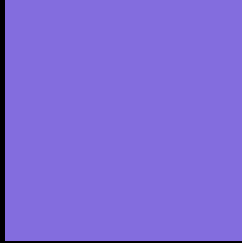
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 836DDE looks on a 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 836DDE Background



This preview shows how black text looks on a background with the Hex color 836DDE.

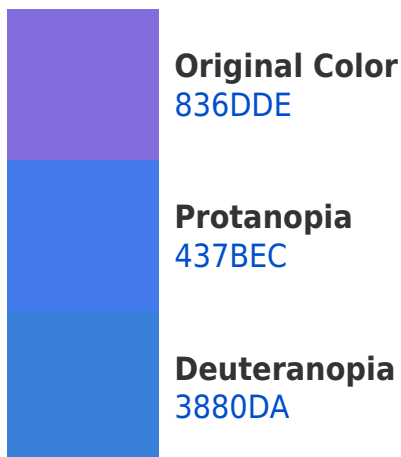


This preview shows how white text looks on a background with the Hex color 836DDE.

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](#).

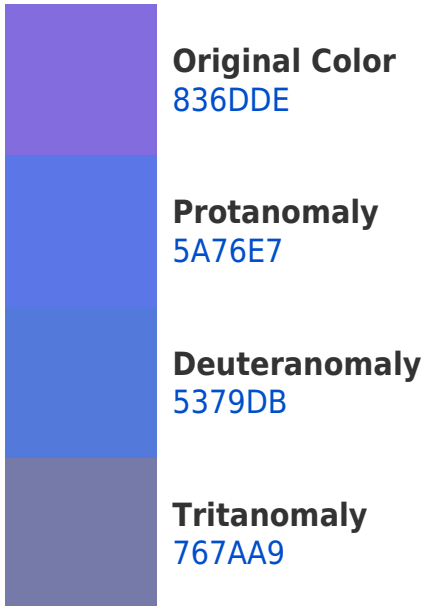
Dichromacy





Tritanopia
6F818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 836DDE 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 #836DDE looks like.

```
.text, #text, p{  
    color:#836DDE  
}
```

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 #836DDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836DDE
}
```

Border

The CSS property to change the border of an element to Hex 836DDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

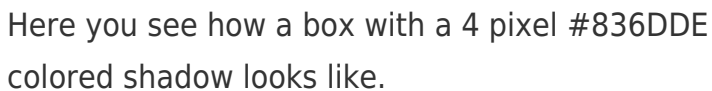
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#836DDE }
```

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

```
.border{ border-color:#836DDE }
```

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



Here you see how a box with a 4 pixel #836DDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836DDE; -webkit-box-shadow:4px 4px  
4px 4px #836DDE; box-shadow:4px 4px 4px  
4px #836DDE }
```

Background

The CSS property to change the background color of an element to Hex 836DDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836DDE }
```

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

```
.background{ background-color:#836DDE }
```

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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