

Converting Colors

Hex(876BD3)

Have a look what the booklet for
Hex(876BD3) contains.

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Color

Hex(876BD3)

Conversions

Conversions Part 1

Format	Color
Hex	876BD3
RGB	135, 107, 211
RGB Percent	53%, 42%, 83%
CMY	0.4706, 0.5804, 0.1725
CMYK	0.36, 0.49, 0.00, 0.17
HSL	256°, 54%, 62%
HSV	256°, 49%, 83%
XYZ	27.0072, 20.3694, 64.1363
YIQ	127.2280, -16.6960, 38.2800

Conversions

Conversions Part 2

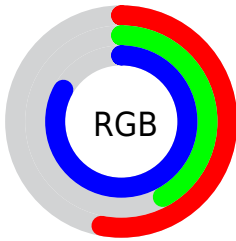
Format	Color
R _Y B	135, 107, 211
Decimal	8874963
CIE Lab	52.25, 34.52, -49.98
CIE LCh	52, 60.741, 304.635
Yxy	20.3694, 0.2422, 0.1827
Android (android.graphics.Color)	4287065043 (0xFF876BD3)
YUV	127.2280, 41.2996, 6.8160
Hunter-Lab	45.1325, 27.8323, -52.6622

Details

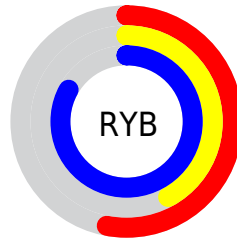
The Hex color **876BD3** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B7D36B**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **BF9FFF**, and **503B9C** is the 20% darker color. If you saturate the color by 10%, you get **7856D3**, and if you desaturate by 10%, it is **9680D3**.

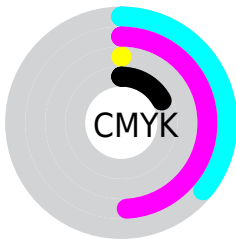
Distribution



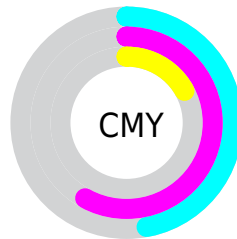
- Red (53%)
- Green (42%)
- Blue (83%)



- Red (53%)
- Yellow (42%)
- Blue (83%)



- Cyan (36%)
- Magenta (49%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 876BD3 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 876BD3 by changing the saturation by 10% instead.

 876BD3

 876BD3

FFFFFF

 6C52B7

 BF9FFF

 503B9C

 DCBAFF

 342481

 FAD6FF

 130E67

 FFF2FF

 00004F

 000437

 000221

 000005

 000000

876BD3

876BD3

7856D3

9680D3

6841D3

A695D3

592CD3

B5AAD3

4917D3

C5BFD3

3A02D3

D4D4D3

3900D3

E4EAD3

F3FFD3

FFFFD3

Harmonies

Analogous

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



0080E5



876BD3



C153AA

Triad

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



876BD3



B86916



009584

Complementary

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



876BD3



B7D36B

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.



00924D



876BD3



8E7D00

Square

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



876BD3



D35244



588A1A



0094B7

Rectangle

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



876BD3



D44888



588A1A



009471

Sweetspot

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



876BD3



E3D9FF



6BB7D3



6F6980



000000



808080

Same Dimension

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



876BD3



9169FF



BB6BD3



615E69



2D00A8



0B0029

Inverse Universe

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



D36BB7



FF69D6



83D36B



695E66



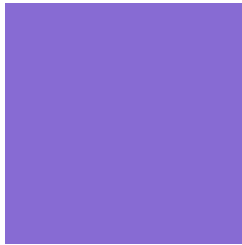
A8007B



29001E

Previews

White Background



This preview shows how the Hex color 876BD3 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 876BD3 Background



This preview shows how black text looks on a background with the Hex color 876BD3.

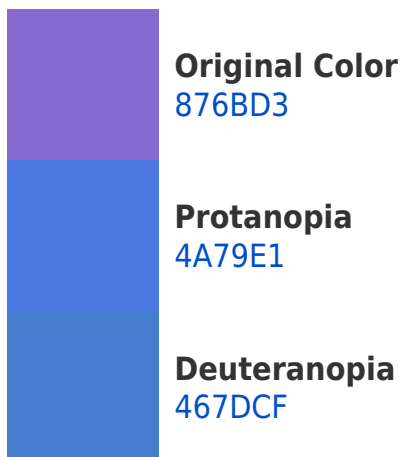


This preview shows how white text looks on a background with the Hex color 876BD3.

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](#).

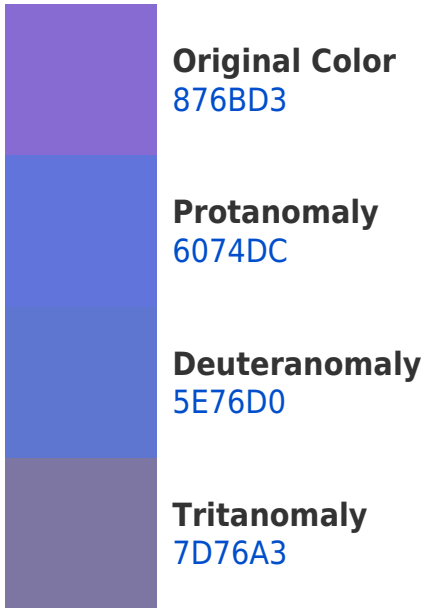
Dichromacy





Tritanopia
777D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 876BD3 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 #876BD3 looks like.

```
.text, #text, p{  
    color:#876BD3  
}
```

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 #876BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #876BD3  
}
```

Border

The CSS property to change the border of an element to Hex 876BD3 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".

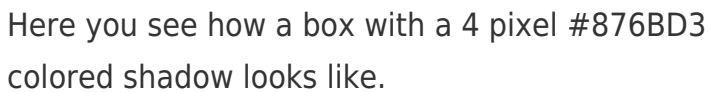
```
.border, #border, table{ border:4px solid  
#876BD3 }
```

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

```
.border{ border-color:#876BD3 }
```

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

Here you see how a box with a 4 pixel #876BD3 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 there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #876BD3; -webkit-box-shadow:4px 4px  
4px 4px #876BD3; box-shadow:4px 4px 4px  
4px #876BD3 }
```

Background

The CSS property to change the background color of an element to Hex 876BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#876BD3 }
```

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

```
.background{ background-color:#876BD3 }
```

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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