

# Converting Colors

Hex(836DA9)

Have a look what the booklet for  
Hex(836DA9) contains.

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# Color

**Hex(836DA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	836DA9
RGB	131, 109, 169
RGB Percent	51%, 43%, 66%
CMY	0.4863, 0.5725, 0.3373
CMYK	0.22, 0.36, 0.00, 0.34
HSL	262°, 26%, 55%
HSV	262°, 36%, 66%
XYZ	21.9901, 18.6271, 39.9725
YIQ	122.4180, -6.1480, 23.3240

# Conversions

## Conversions Part 2

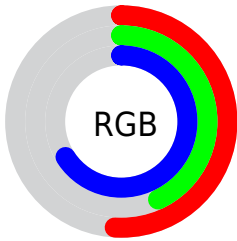
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 109, 169
Decimal	8613289
CIE <sub>Lab</sub>	50.25, 21.40, -28.99
CIE <sub>LCh</sub>	50, 36.028, 306.434
Yxy	18.6271, 0.2729, 0.2311
Android (android.graphics.Color)	4286803369 (0xFF836DA9)
YUV	122.4180, 22.9649, 7.5264
Hunter-Lab	43.1592, 15.4194, -24.7009

# Details

The Hex color **836DA9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93A96D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B9A1E0**, and **503D75** is the 20% darker color. If you saturate the color by 10%, you get **785CA9**, and if you desaturate by 10%, it is **8E7EA9**.

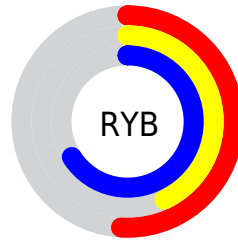
# Distribution



Red (51%)

Green (43%)

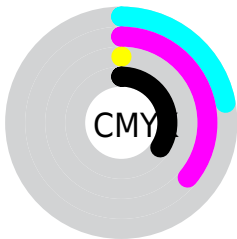
Blue (66%)



Red (51%)

Yellow (43%)

Blue (66%)

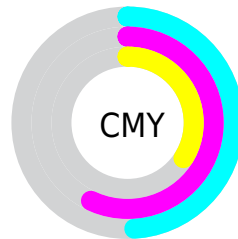


Cyan (22%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (49%)

Magenta (57%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 836DA9 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 836DA9 by changing the saturation by 10% instead.



836DA9

836DA9

FFFFFF

69558E

B9A1E0

503D75

D5BCFD

38275C

F2D8FF

201244

FFF4FF

0F002E

000118

000000

836DA9

836DA9

785CA9

8E7EA9

6E4BA9

988FA9

633AA9

A3A0A9

5829A9

AEB1A9

4D18A9

B9C1A9

4308A9

C3D2A9

3E00A9

CEE3A9

D9F4A9

E3FFA9

# Harmonies

## Analogous

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



5179B4



836DA9



A36291

# Triad

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



836DA9



9E6D3F



00877D

# Complementary

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



836DA9



93A96D

# 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.



3A855E



836DA9



847839

# Square

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



836DA9



AF6355



638045



00869B

# Rectangle

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



836DA9



AE5F7D



638045



058773



# Sweetspot

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



836DA9



CCC3DB



6D93A9



655F6E



EDEDED



6E6E6E



# Same Dimension

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



836DA9



A07DDB



A16DA9



4F4C54



360094



070014



# Inverse Universe

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



A96D93



DB7DB9



75A96D



544C51



94005E

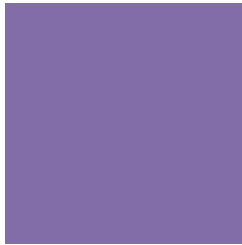


14000D



# Previews

## White Background



This preview shows how the Hex color 836DA9 looks on a white background.

## Color Contrast Check

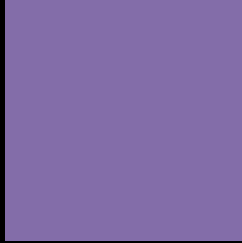
Large Text (above 18pt) WCAG AA ✓ Pass

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 836DA9 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 836DA9 Background



This preview shows how black text looks on a background with the Hex color 836DA9.

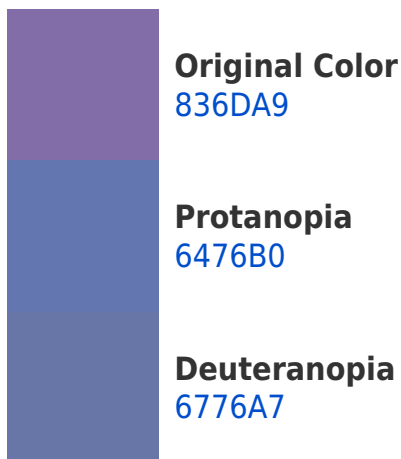



This preview shows how white text looks on a background with the Hex color 836DA9.

# 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**  
7B767F

# Trichromacy



**Original Color**  
836DA9

**Protanomaly**  
6F73AD

**Deuteranomaly**  
7173A8

**Tritanomaly**  
7E738E

# Monochromacy



**Original Color**  
836DA9

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7D758B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 836DA9 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 #836DA9 looks like.

```
.text, #text, p{  
    color:#836DA9  
}
```

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 #836DA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #836DA9
}
```

## Border

The CSS property to change the border of an element to Hex 836DA9 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
#836DA9 }
```

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

```
.border{ border-color:#836DA9 }
```

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

Here you see how a box with a 4 pixel #836DA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #836DA9; -webkit-box-shadow:4px 4px  
4px 4px #836DA9; box-shadow:4px 4px 4px  
4px #836DA9 }
```

# Background

The CSS property to change the background color of an element to Hex 836DA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#836DA9 }
```

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

```
.background{ background-color:#836DA9 }
```

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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