

# Converting Colors

Hex(816BA9)

Have a look what the booklet for  
Hex(816BA9) contains.

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# Color

**Hex(816BA9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816BA9
RGB	129, 107, 169
RGB Percent	51%, 42%, 66%
CMY	0.4941, 0.5804, 0.3373
CMYK	0.24, 0.37, 0.00, 0.34
HSL	261°, 26%, 54%
HSV	261°, 37%, 66%
XYZ	21.4724, 18.0471, 39.8878
YIQ	120.6460, -6.7900, 23.9460

# Conversions

## Conversions Part 2

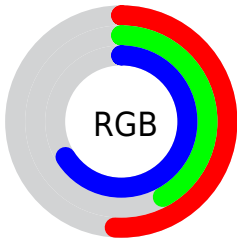
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 107, 169
Decimal	8481705
CIE Lab	49.55, 21.96, -30.08
CIE LCh	50, 37.248, 306.134
Yxy	18.0471, 0.2704, 0.2273
Android (android.graphics.Color)	4286671785 (0xFF816BA9)
YUV	120.6460, 23.8385, 7.3265
Hunter-Lab	42.4819, 15.8793, -25.9323

# Details

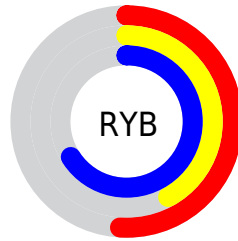
The Hex color **816BA9** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **93A96B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B79FE0**, and **4E3B75** is the 20% darker color. If you saturate the color by 10%, you get **765AA9**, and if you desaturate by 10%, it is **8C7CA9**.

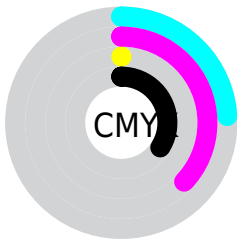
# Distribution



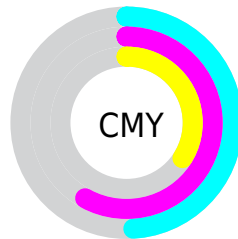
- Red (51%)
- Green (42%)
- Blue (66%)



- Red (51%)
- Yellow (42%)
- Blue (66%)



- Cyan (24%)
- Magenta (37%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (58%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 816BA9 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 816BA9 by changing the saturation by 10% instead.



816BA9

816BA9

FFFFFF

67538E

B79FE0

4E3B75

D3BAFD

36255C

F0D5FF

1E1044

FFF2FF

0B002D

000118

000000

816BA9

816BA9

765AA9

8C7CA9

6B49A9

978DA9

6038A9

A29EA9

5527A9

ADAF A9

4A16A9

B8BFA9

4006A9

C2D0A9

3C00A9

CDE1A9

D8F2A9

E3FFA9

# Harmonies

## Analogous

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



4C77B4



816BA9



A26090

# Triad

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



816BA9



9D6B3C



00867C

# Complementary

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



816BA9



93A96B

# 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.



36845B



816BA9



837635

# Square

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



816BA9



AE6052



617F41



00859A

# Rectangle

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



816BA9



AE5C7B



617F41



008671



# Sweetspot

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



816BA9



CCC3DB



6B93A9



645F6E



EDEDED



6E6E6E



# Same Dimension

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



816BA9



9D7BDB



A06BA9



4F4C54



340094



070014



# Inverse Universe

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



A96B93



DB7BB9



74A96B



544C51



94005F

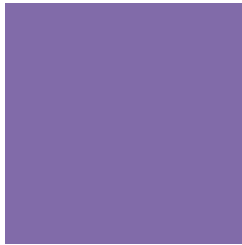


14000D



# Previews

## White Background



This preview shows how the Hex color 816BA9 looks on a white background.

## Color Contrast Check

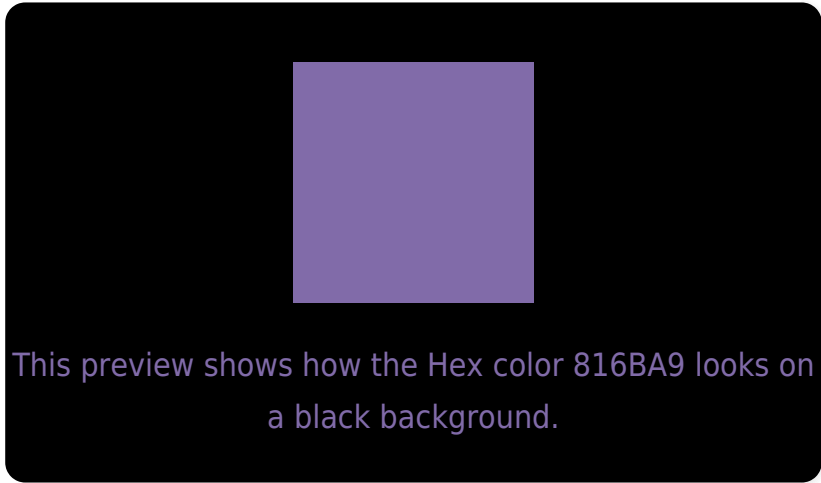
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

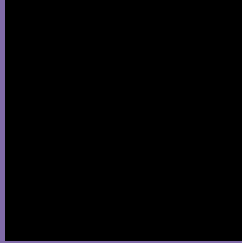
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 816BA9 Background



This preview shows how black text looks on a background with the Hex color 816BA9.

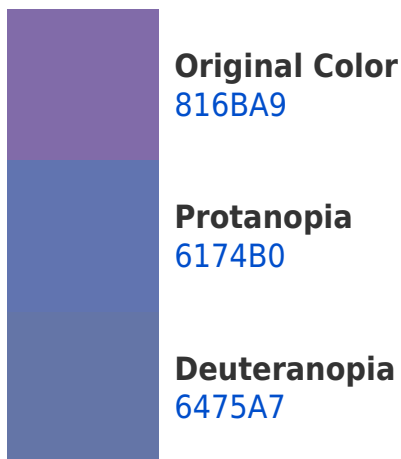


This preview shows how white text looks on a background with the Hex color 816BA9.

# 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](#).

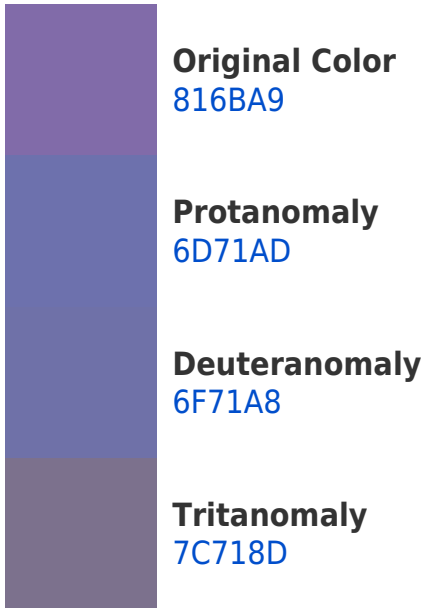
## Dichromacy



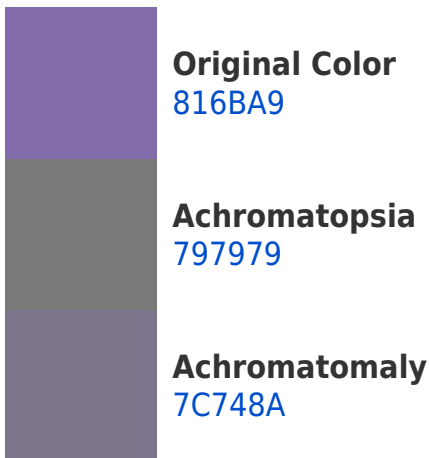


**Tritanopia**  
79747D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 816BA9 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 #816BA9 looks like.

```
.text, #text, p{  
    color:#816BA9  
}
```

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 #816BA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816BA9
}
```

## Border

The CSS property to change the border of an element to Hex 816BA9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

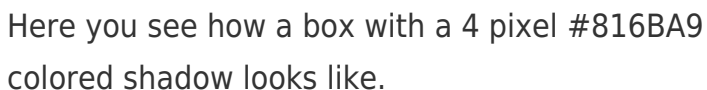
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816BA9 }
```

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

```
.border{ border-color:#816BA9 }
```

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



Here you see how a box with a 4 pixel #816BA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816BA9; -webkit-box-shadow:4px 4px  
4px 4px #816BA9; box-shadow:4px 4px 4px  
4px #816BA9 }
```

# Background

The CSS property to change the background color of an element to Hex 816BA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816BA9 }
```

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

```
.background{ background-color:#816BA9 }
```

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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