

# Converting Colors

Hex(816AA2)

Have a look what the booklet for  
Hex(816AA2) contains.

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# Color

**Hex(816AA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	816AA2
RGB	129, 106, 162
RGB Percent	51%, 42%, 64%
CMY	0.4941, 0.5843, 0.3647
CMYK	0.20, 0.35, 0.00, 0.36
HSL	265°, 23%, 53%
HSV	265°, 35%, 64%
XYZ	20.7289, 17.5838, 36.4839
YIQ	119.2610, -4.2680, 22.2920

# Conversions

## Conversions Part 2

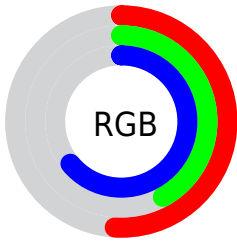
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 106, 162
Decimal	8481442
CIE <sub>Lab</sub>	48.99, 20.85, -26.87
CIE <sub>LCh</sub>	49, 34.005, 307.810
Yxy	17.5838, 0.2771, 0.2351
Android (android.graphics.Color)	4286671522 (0xFF816AA2)
YUV	119.2610, 21.0703, 8.5411
Hunter-Lab	41.9331, 14.8555, -22.2322

# Details

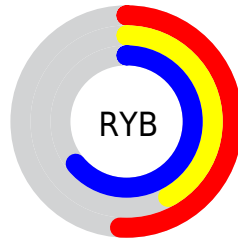
The Hex color **816AA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8BA26A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B79ED9**, and **4E3A6E** is the 20% darker color. If you saturate the color by 10%, you get **775AA2**, and if you desaturate by 10%, it is **8B7AA2**.

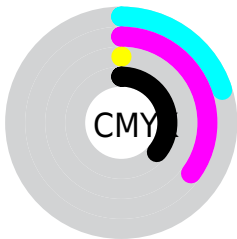
# Distribution



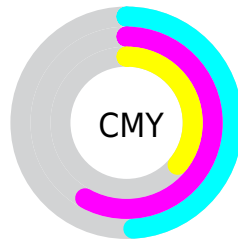
- Red (51%)
- Green (42%)
- Blue (64%)



- Red (51%)
- Yellow (42%)
- Blue (64%)



- Cyan (20%)
- Magenta (35%)
- Yellow (0%)
- Black (36%)



- Cyan (49%)
- Magenta (58%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 816AA2 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 816AA2 by changing the saturation by 10% instead.



816AA2

816AA2

FFFFFF

675288

B79ED9

4E3A6E

D3B8F6

362455

EFD4FF

1F103E

FFF1FF

0A0028

000111

000000

816AA2

816AA2

775AA2

8B7AA2

6E4AA2

948AA2

6439A2

9E9BA2

5B29A2

A7ABA2

5119A2

B1BBA2

4809A2

BACBA2

4300A2

C4DBA2

CDECA2

D7FCA2

# Harmonies

## Analogous

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



5475AD



816AA2



9E608B

# Triad

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



816AA2



986B3F



00837B

# Complementary

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



816AA2



8BA26A

# 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.



3A825E



816AA2



7F753A

# Square

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



816AA2



A86253



607D46



008297

# Rectangle

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



816AA2



A95D78



607D46



0F8371



# Sweetspot

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



816AA2



C7BED4



6A8CA2



645E6B



EBEBEB



6B6B6B



# Same Dimension

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



816AA2



A17DD4



9C6AA2



4D4952



3C0091



070012



# Inverse Universe

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



A26A8B



D47DB0



70A26A



52494E



910056

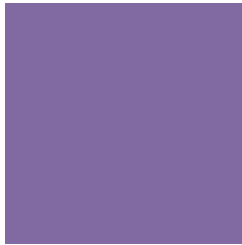


12000B



# Previews

## White Background



This preview shows how the Hex color 816AA2 looks on a white background.

## Color Contrast Check

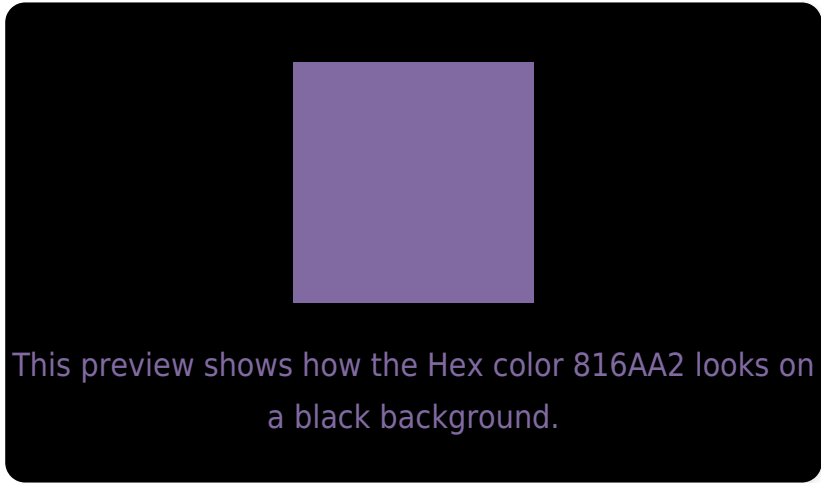
Large Text (above 18pt) WCAG AA ✓ Pass

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

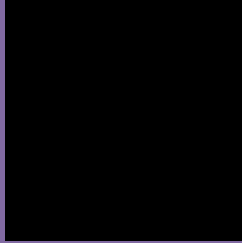
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 816AA2 Background



This preview shows how black text looks on a background with the Hex color 816AA2.

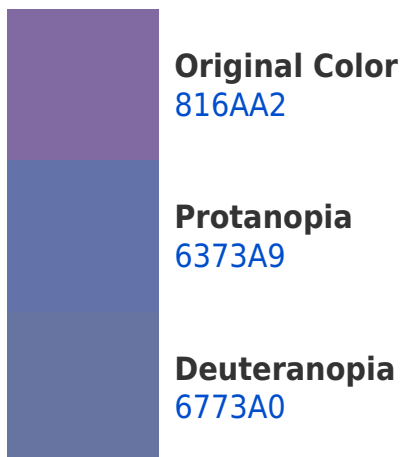


This preview shows how white text looks on a background with the Hex color 816AA2.

# 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](#).

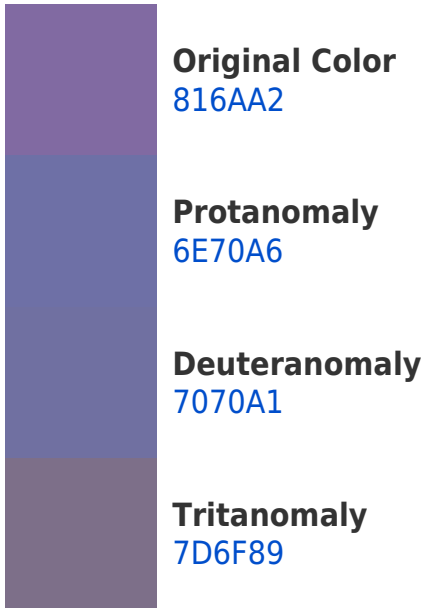
## Dichromacy





**Tritanopia**  
7A727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 816AA2 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 #816AA2 looks like.

```
.text, #text, p{  
    color:#816AA2  
}
```

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 #816AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816AA2
}
```

## Border

The CSS property to change the border of an element to Hex 816AA2 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
#816AA2 }
```

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

```
.border{ border-color:#816AA2 }
```

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

Here you see how a box with a 4 pixel #816AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816AA2; -webkit-box-shadow:4px 4px  
4px 4px #816AA2; box-shadow:4px 4px 4px  
4px #816AA2 }
```

# Background

The CSS property to change the background color of an element to Hex 816AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816AA2 }
```

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

```
.background{ background-color:#816AA2 }
```

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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