

Converting Colors

Hex(800DA7)

Have a look what the booklet for
Hex(800DA7) contains.

Hex(800DA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(800DA7)

Conversions

Conversions Part 1

Format	Color
Hex	800DA7
RGB	128, 13, 167
RGB Percent	50%, 5%, 65%
CMY	0.4980, 0.9490, 0.3451
CMYK	0.23, 0.92, 0.00, 0.35
HSL	285°, 86%, 35%
HSV	285°, 92%, 65%
XYZ	16.0211, 7.6671, 37.1947
YIQ	64.9410, 19.1060, 72.2740

Conversions

Conversions Part 2

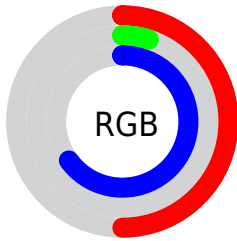
Format	Color
R_{YB}	128, 13, 167
Decimal	8392103
CIE _{Lab}	33.28, 63.79, -54.84
CIE _{LCh}	33, 84.122, 319.310
Yxy	7.6671, 0.2631, 0.1259
Android (android.graphics.Color)	4286582183 (0xFF800DA7)
YUV	64.9410, 50.3151, 55.3027
Hunter-Lab	27.6895, 54.8232, -60.2605

Details

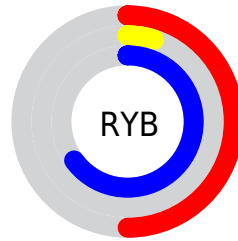
The Hex color **800DA7** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **34A70D**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **B94FDF**, and **480072** is the 20% darker color. If you saturate the color by 10%, you get **7D00A7**, and if you desaturate by 10%, it is **841EA7**.

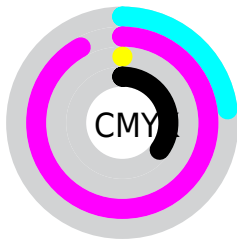
Distribution



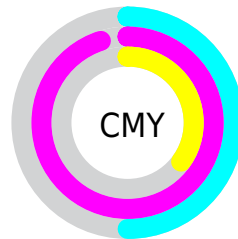
- Red (50%)
- Green (5%)
- Blue (65%)



- Red (50%)
- Yellow (5%)
- Blue (65%)



- Cyan (23%)
- Magenta (92%)
- Yellow (0%)
- Black (35%)



- Cyan (50%)
- Magenta (95%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 800DA7 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 800DA7 by changing the saturation by 10% instead.

800DA7

800DA7

FFFFFF

64008C

B94FDF

480072

D66BFC

2D0059

F487FF

0B0040

FFA3FF

000329

FFBFFF

000113

FFDCFF

000000

FFFAFF

800DA7

800DA7

7D00A7

841EA7

882EA7

8D3FA7

9150A7

9561A7

9971A7

9E82A7

A293A7

A6A3A7

Harmonies

Analogous

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



0049D0



800DA7



B20069

Triad

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



800DA7



744300



006779

Complementary

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



800DA7



34A70D

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.



006533



800DA7



365800

Square

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



800DA7



A00A00



006100



0066B5

Rectangle

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



800DA7



BA003E



006100



006662

Sweetspot

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



800DA7



C99CD9



0D36A7



64486E



EDEDED



6E6E6E

Same Dimension

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



800DA7



A200D9



A70D83



524C54



6E0094



0F0014

Inverse Universe

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



A70D34



D90037



0DA731



544C4E



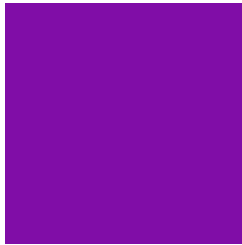
940025



140005

Previews

White Background



This preview shows how the Hex color 800DA7 looks on a white background.

Color Contrast Check

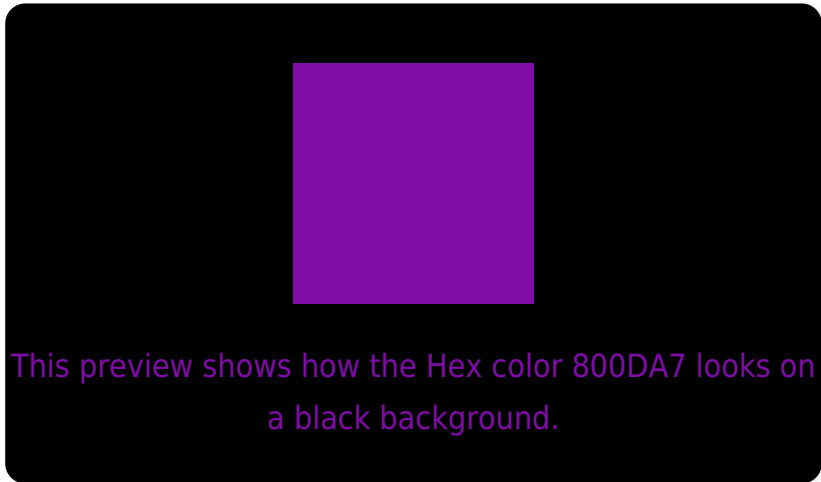
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

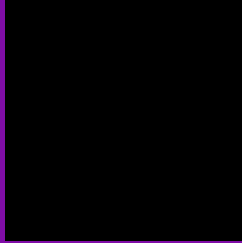
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 800DA7 Background



This preview shows how black text looks on a background with the Hex color 800DA7.

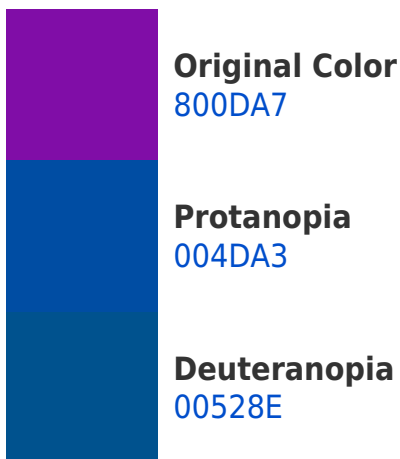


This preview shows how white text looks on a background with the Hex color 800DA7.

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](#).

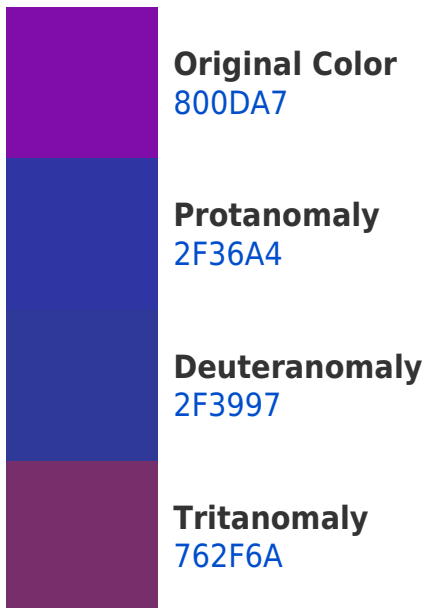
Dichromacy



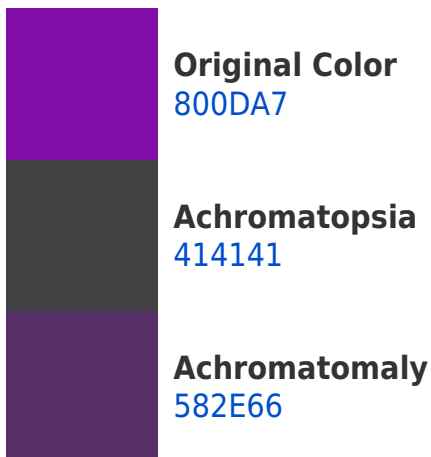


Tritanopia
714247

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 800DA7 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 #800DA7 looks like.

```
.text, #text, p{  
    color:#800DA7  
}
```

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 #800DA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800DA7
}
```

Border

The CSS property to change the border of an element to Hex 800DA7 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
#800DA7 }
```

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

```
.border{ border-color:#800DA7 }
```

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

Here you see how a box with a 4 pixel #800DA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800DA7; -webkit-box-shadow:4px 4px  
4px 4px #800DA7; box-shadow:4px 4px 4px  
4px #800DA7 }
```

Background

The CSS property to change the background color of an element to Hex 800DA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800DA7 }
```

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

```
.background{ background-color:#800DA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor