

Converting Colors

Hex(D837A7)

Have a look what the booklet for
Hex(D837A7) contains.

| | |
|--|----|
| Hex(D837A7) | 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(D837A7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D837A7 |
| RGB | 216, 55, 167 |
| RGB Percent | 85%, 22%, 65% |
| CMY | 0.1529, 0.7843, 0.3451 |
| CMYK | 0.00, 0.75, 0.23, 0.15 |
| HSL | 318°, 67%, 53% |
| HSV | 318°, 75%, 85% |
| XYZ | 36.6601, 20.1213, 38.5108 |
| YIQ | 115.9070, 60.0040, 68.9640 |

Conversions

Conversions Part 2

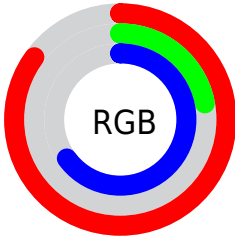
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 216, 55, 167 |
| Decimal | 14170023 |
| CIE _{Lab} | 51.97, 70.97, -24.24 |
| CIE _{LCh} | 52, 74.996, 341.140 |
| Y _{xy} | 20.1213, 0.3847, 0.2112 |
| Android (android.graphics.Color) | 4292360103 (0xFFD837A7) |
| YUV | 115.9070, 25.1888, 87.7816 |
| Hunter-Lab | 44.8568, 67.3834, -19.5024 |

Details

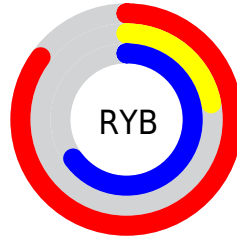
The Hex color **D837A7** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **37D868**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF75DE**, and **9D0073** is the 20% darker color. If you saturate the color by 10%, you get **D821A0**, and if you desaturate by 10%, it is **D84DAE**.

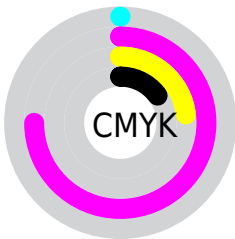
Distribution



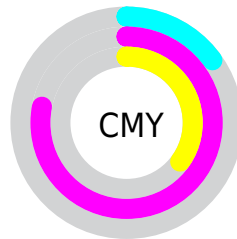
- Red (85%)
- Green (22%)
- Blue (65%)



- Red (85%)
- Yellow (22%)
- Blue (65%)



- Cyan (0%)
- Magenta (75%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (78%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color D837A7 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 D837A7 by changing the saturation by 10% instead.

 D837A7

 D837A7

FFFFFF

 BA058C

 FF75DE

 9D0073

 FF92FB

 80005A

 FFAFFF

 630042

 FFCCFF

 49002C

 FFEAFF

 2C0016

 000000

 D837A7

 D837A7

 D821A0

 D84DAE

 D80C9A

 D862B4

 D80096

 D878BB

 D88DC1

 D8A3C8

 D8B9CE

 D8CED5

 D8E4DC

 D8F9E2

Harmonies

Analogous

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



9A5EDE



D837A7



EB2767

Triad

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



D837A7



808100



0096D0

Complementary

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



D837A7



37D868

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.



009893



D837A7



328E00

Square

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



D837A7



B76A00



00954F



008EF6

Rectangle

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



D837A7



E53B3E



00954F



0097BD

Sweetspot

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



D837A7



FFC7EE



6737D8



805E75



000000



808080

Same Dimension

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



D837A7



FF1CBA



D83757



6B6068



AB0077



2B001E

Inverse Universe

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



D837A7



FF1CBA



37D8B8



6B6068



AB0077



2B001E

Previews

White Background



This preview shows how the Hex color D837A7 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 D837A7 Background



This preview shows how black text looks on a background with the Hex color D837A7.




This preview shows how white text looks on a background with the Hex color D837A7.

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



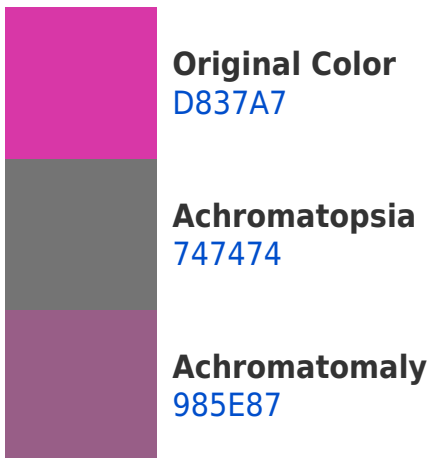


Tritanopia
D15156

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D837A7 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 #D837A7 looks like.

```
.text, #text, p{  
    color:#D837A7  
}
```

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 #D837A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D837A7
}
```

Border

The CSS property to change the border of an element to Hex D837A7 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
#D837A7 }
```

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

```
.border{ border-color:#D837A7 }
```

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

Here you see how a box with a 4 pixel #D837A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D837A7; -webkit-box-shadow:4px 4px  
4px 4px #D837A7; box-shadow:4px 4px 4px  
4px #D837A7 }
```

Background

The CSS property to change the background color of an element to Hex D837A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D837A7 }
```

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

```
.background{ background-color:#D837A7 }
```

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