

Converting Colors

Hex(D7809D)

Have a look what the booklet for
Hex(D7809D) contains.

Hex(D7809D)	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(D7809D)

Conversions

Conversions Part 1

Format	Color
Hex	D7809D
RGB	215, 128, 157
RGB Percent	84%, 50%, 62%
CMY	0.1569, 0.4980, 0.3843
CMYK	0.00, 0.40, 0.27, 0.16
HSL	340°, 52%, 67%
HSV	340°, 40%, 84%
XYZ	41.8293, 32.3197, 35.9320
YIQ	157.3190, 42.5430, 27.4630

Conversions

Conversions Part 2

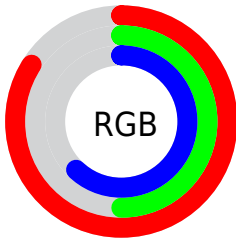
Format	Color
R_{YB}	215, 128, 157
Decimal	14123165
CIE _{Lab}	63.61, 37.19, -0.96
CIE _{LCh}	64, 37.203, 358.526
Yxy	32.3197, 0.3800, 0.2936
Android (android.graphics.Color)	4292313245 (0xFFD7809D)
YUV	157.3190, -0.1573, 50.5862
Hunter-Lab	56.8505, 31.8481, 2.3214

Details

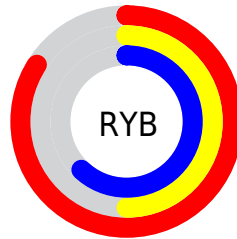
The Hex color **D7809D** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80D7BA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB6D3**, and **9E4D6A** is the 20% darker color. If you saturate the color by 10%, you get **D76B8F**, and if you desaturate by 10%, it is **D796AB**.

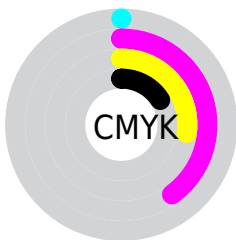
Distribution



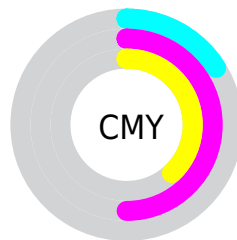
- Red (84%)
- Green (50%)
- Blue (62%)



- Red (84%)
- Yellow (50%)
- Blue (62%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7809D 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 D7809D by changing the saturation by 10% instead.

 D7809D

 D7809D

FFFFFF

 BA6683

 FFB6D3

 9E4D6A

 FFD2F0

 833452

 FFEFFF

 681A3B

 4D0025

 350010

 150000

 000000

 D7809D

 D7809D

 D76B8F

 D796AB

 D75580

 D7ABBA

 D73F72

 D7C1C8

 D72A64

 D7D6D6

 D71455

 D7ECE5

 D70048

 D7FFF3

 D7FFFF

Harmonies

Analogous

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



C286BD



D7809D



D9827C

Triad

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



D7809D



8FA25E



1CA6D2

Complementary

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



D7809D



80D7BA

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.



00ABB9



D7809D



67A876

Square

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



D7809D



B19857



36AB97



659EDC

Rectangle

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



D7809D



D1886A



36AB97



00A8CB

Sweetspot

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



D7809D



FFE0EB



BA80D7



806E74



000000



808080

Same Dimension

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



D7809D



FF82AC



D78F80



6B6064



AB0039



2B000E

Inverse Universe

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



D7809D



FF82AC



80C9D7



6B6064



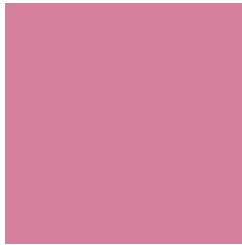
AB0039



2B000E

Previews

White Background



This preview shows how the Hex color D7809D looks on a white background.

Color Contrast Check

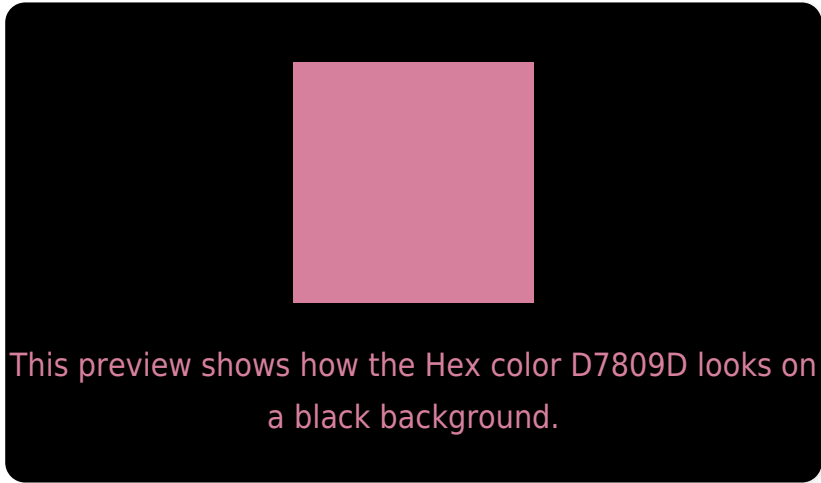
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex D7809D Background



This preview shows how black text looks on a background with the Hex color D7809D.

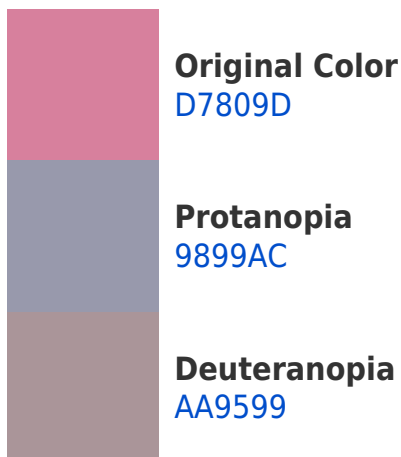



This preview shows how white text looks on a background with the Hex color D7809D.

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
D5838D

Trichromacy



Original Color
D7809D



Protanomaly
AF90A7



Deuteranomaly
BA8D9A

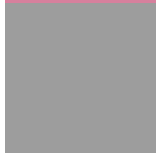


Tritanomaly
D68293

Monochromacy



Original Color
D7809D



Achromatopsia
9D9D9D



Achromatomaly
B2929D

CSS Examples

Text

The CSS property to change the color of the text to Hex D7809D 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 #D7809D looks like.

```
.text, #text, p{  
    color:#D7809D  
}
```

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 #D7809D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7809D
}
```

Border

The CSS property to change the border of an element to Hex D7809D 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
#D7809D }
```

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

```
.border{ border-color:#D7809D }
```

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

Here you see how a box with a 4 pixel #D7809D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7809D; -webkit-box-shadow:4px 4px  
4px 4px #D7809D; box-shadow:4px 4px 4px  
4px #D7809D }
```

Background

The CSS property to change the background color of an element to Hex D7809D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7809D }
```

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

```
.background{ background-color:#D7809D }
```

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