

Converting Colors

Hex(DC7E9E)

Have a look what the booklet for
Hex(DC7E9E) contains.

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Color

Hex(DC7E9E)

Conversions

Conversions Part 1

Format	Color
Hex	DC7E9E
RGB	220, 126, 158
RGB Percent	86%, 49%, 62%
CMY	0.1373, 0.5059, 0.3804
CMYK	0.00, 0.43, 0.28, 0.14
HSL	340°, 57%, 68%
HSV	340°, 43%, 86%
XYZ	43.1476, 32.6060, 36.3672
YIQ	157.7540, 45.7520, 29.8800

Conversions

Conversions Part 2

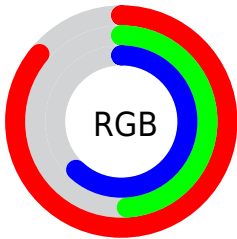
Format	Color
R_{YB}	220, 126, 158
Decimal	14450334
CIE _{Lab}	63.84, 40.14, -1.11
CIE _{LCh}	64, 40.150, 358.417
Yxy	32.6060, 0.3848, 0.2908
Android (android.graphics.Color)	4292640414 (0xFFDC7E9E)
YUV	157.7540, 0.1213, 54.5897
Hunter-Lab	57.1016, 34.9518, 2.2102

Details

The Hex color **DC7E9E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7EDCBC**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFB4D5**, and **A34A6B** is the 20% darker color. If you saturate the color by 10%, you get **DC688F**, and if you desaturate by 10%, it is **DC94AD**.

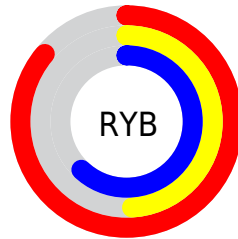
Distribution



Red (86%)

Green (49%)

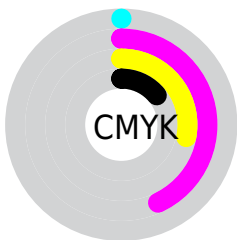
Blue (62%)



Red (86%)

Yellow (49%)

Blue (62%)

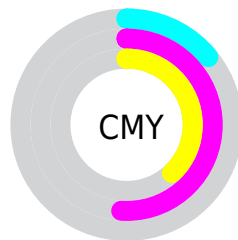


Cyan (0%)

Magenta (43%)

Yellow (28%)

Black (14%)



Cyan (14%)

Magenta (51%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC7E9E 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 DC7E9E by changing the saturation by 10% instead.

 DC7E9E

 DC7E9E

FFFFFF

 BF6484

 FFB4D5

 A34A6B

 FFD0F1

 873153

 FFEDFF

 6C163C

 510026

 380011

 1B0001

 000000

 DC7E9E

 DC7E9E

 DC688F

 DC94AD

 DC5281

 DCAABB

 DC3C72

 DCC0CA

 DC2664

 DCD6D8

 DC1055

 DCECE7

 DC004B

 DCFFF5

 DCFFFF

Harmonies

Analogous

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



C685C1



DC7E9E



DE817A

Triad

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



DC7E9E



8EA35A



00A8D7

Complementary

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



DC7E9E



7EDCBC

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.



00ADBC



DC7E9E



63AA74

Square

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



DC7E9E



B39852



25AD97



5E9FE2

Rectangle

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



DC7E9E



D68767



25AD97



00AACF

Sweetspot

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



DC7E9E



FFDEE9



BB7EDC



806B72



000000



808080

Same Dimension

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



DC7E9E



FF7DA9



DC8C7E



6E6366



AD003B



2E0010

Inverse Universe

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



DC7E9E



FF7DA9



7ECEDC



6E6366



AD003B



2E0010

Previews

White Background



This preview shows how the Hex color DC7E9E looks on a white background.

Color Contrast Check

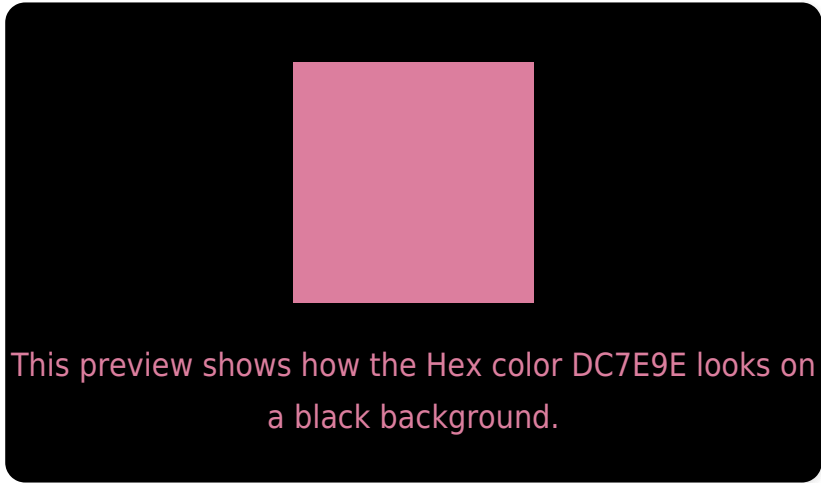
Large Text (above 18pt) WCAG AA × Fail

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 DC7E9E Background



This preview shows how black text looks on a background with the Hex color DC7E9E.

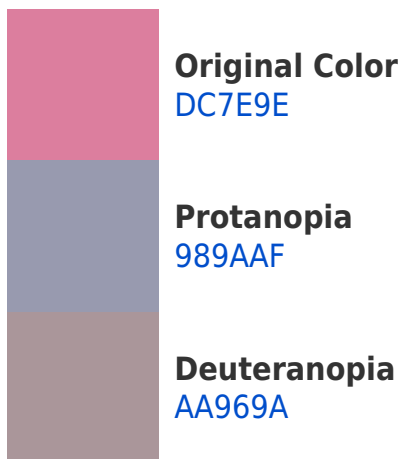



This preview shows how white text looks on a background with the Hex color DC7E9E.

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
DA818B

Trichromacy



Original Color
DC7E9E



Protanomaly
B190A9



Deuteranomaly
BC8D9B



Tritanomaly
DB8092

Monochromacy



Original Color
DC7E9E



Achromatopsia
9E9E9E



Achromatomaly
B5929E

CSS Examples

Text

The CSS property to change the color of the text to Hex DC7E9E 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 #DC7E9E looks like.

```
.text, #text, p{  
    color:#DC7E9E  
}
```

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 #DC7E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7E9E
}
```

Border

The CSS property to change the border of an element to Hex DC7E9E 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
#DC7E9E }
```

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

```
.border{ border-color:#DC7E9E }
```

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

Here you see how a box with a 4 pixel #DC7E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7E9E; -webkit-box-shadow:4px 4px  
4px 4px #DC7E9E; box-shadow:4px 4px 4px  
4px #DC7E9E }
```

Background

The CSS property to change the background color of an element to Hex DC7E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7E9E }
```

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

```
.background{ background-color:#DC7E9E }
```

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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