

# Converting Colors

Hex(DC7A9B)

Have a look what the booklet for  
Hex(DC7A9B) contains.

<b>Hex(DC7A9B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(DC7A9B)

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7A9B
RGB	220, 122, 155
RGB Percent	86%, 48%, 61%
CMY	0.1373, 0.5216, 0.3922
CMYK	0.00, 0.45, 0.30, 0.14
HSL	340°, 58%, 67%
HSV	340°, 45%, 86%
XYZ	42.3911, 31.5013, 34.8564
YIQ	155.0640, 47.8150, 31.0390

# Conversions

## Conversions Part 2

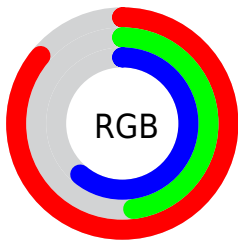
Format	Color
<a href="#">RYB</a>	<a href="#">220, 122, 155</a>
Decimal	<a href="#">14449307</a>
CIELab	<a href="#">62.93, 41.81, -0.73</a>
CIELCh	<a href="#">63, 41.814, 358.996</a>
Yxy	<a href="#">31.5013, 0.3898, 0.2897</a>
Android (android.graphics.Color)	<a href="#">4292639387 (0xFFDC7A9B)</a>
YUV	<a href="#">155.0640, -0.0316, 56.9489</a>
Hunter-Lab	<a href="#">56.1260, 36.5979, 2.4668</a>

# Details

The Hex color **DC7A9B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7ADCBB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB0D1**, and **A24668** is the 20% darker color. If you saturate the color by 10%, you get **DC648C**, and if you desaturate by 10%, it is **DC90AA**.

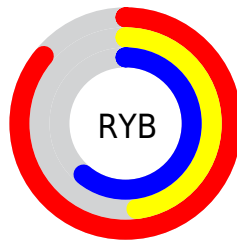
# Distribution



Red (86%)

Green (48%)

Blue (61%)



Red (86%)

Yellow (48%)

Blue (61%)

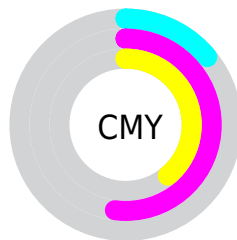


Cyan (0%)

Magenta (45%)

Yellow (30%)

Black (14%)



Cyan (14%)

Magenta (52%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC7A9B 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 DC7A9B by changing the saturation by 10% instead.



 DC7A9B

 DC7A9B

FFFFFF

 BF6081

 FFB0D1

 A24668

 FFCCEE

 872C50

 FFE9FF

 6B0F39

 500024

 38000E

 180001

 000000

 DC7A9B

 DC7A9B

 DC648C

 DC90AA

 DC4E7E

 DCA6B8

 DC386F

 DCBCC7

 DC2261

 DCD2D5

 DC0C52

 DCE8E4

 DC004A

 DCFEF3

 DCFFFF

# Harmonies

## Analogous

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



C581BF



DC7A9B



DE7D76

# Triad

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



DC7A9B



8AA155



00A6D7

# Complementary

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



DC7A9B



7ADCBB

# 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.



00ABBB



DC7A9B



5DA871

# Square

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



DC7A9B



B0964C



07AB96



589CE2

# Rectangle

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



DC7A9B



D58462



07AB96



00A8CF



# Sweetspot

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



DC7A9B



FFDEE9



BA7ADC



806B72



000000



808080



# Same Dimension

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



DC7A9B



FF78A5



DC897A



6E6366



AD003A



2E000F



# Inverse Universe

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



DC7A9B



FF78A5



7ACDDC



6E6366



AD003A



2E000F



# Previews

## White Background



This preview shows how the Hex color DC7A9B looks on a white background.

## Color Contrast Check

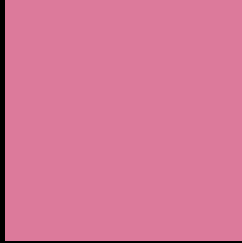
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color DC7A9B looks on a 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 DC7A9B Background



This preview shows how black text looks on a background with the Hex color DC7A9B.



This preview shows how white text looks on a background with the Hex color DC7A9B.

# 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**  
DA7E87

# Trichromacy



**Original Color**  
DC7A9B



**Protanomaly**  
AF8DA6



**Deuteranomaly**  
BB8B98

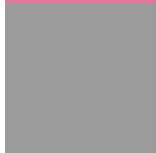


**Tritanomaly**  
DB7D8E

# Monochromacy



**Original Color**  
DC7A9B



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
B38F9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC7A9B 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 #DC7A9B looks like.

```
.text, #text, p{  
    color:#DC7A9B  
}
```

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 #DC7A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7A9B
}
```

## Border

The CSS property to change the border of an element to Hex DC7A9B 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
#DC7A9B }
```

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

```
.border{ border-color:#DC7A9B }
```

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

Here you see how a box with a 4 pixel #DC7A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7A9B; -webkit-box-shadow:4px 4px  
4px 4px #DC7A9B; box-shadow:4px 4px 4px  
4px #DC7A9B }
```

# Background

The CSS property to change the background color of an element to Hex DC7A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7A9B }
```

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

```
.background{ background-color:#DC7A9B }
```

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