

# Converting Colors

Hex(DC7B8F)

Have a look what the booklet for  
Hex(DC7B8F) contains.

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# **Color**

**Hex(DC7B8F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC7B8F
RGB	220, 123, 143
RGB Percent	86%, 48%, 56%
CMY	0.1373, 0.5176, 0.4392
CMYK	0.00, 0.44, 0.35, 0.14
HSL	348°, 58%, 67%
HSV	348°, 44%, 86%
XYZ	41.5561, 31.3647, 29.8504
YIQ	154.2830, 51.3920, 26.7840

# Conversions

## Conversions Part 2

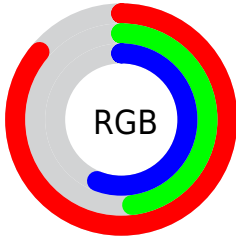
Format	Color
<a href="#">RYB</a>	<a href="#">220, 123, 143</a>
Decimal	<a href="#">14449551</a>
CIELab	<a href="#">62.81, 39.77, 5.96</a>
CIElCh	<a href="#">63, 40.219, 8.524</a>
Yxy	<a href="#">31.3647, 0.4044, 0.3052</a>
Android (android.graphics.Color)	<a href="#">4292639631</a> ( <a href="#">0xFFDC7B8F</a> )
YUV	<a href="#">154.2830, -5.5625, 57.6338</a>
Hunter-Lab	<a href="#">56.0042, 34.4426, 7.6013</a>

# Details

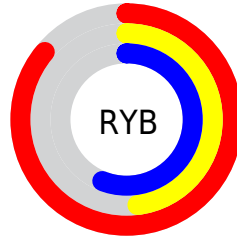
The Hex color **DC7B8F** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7BDCC8**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFB1C5**, and **A2475D** is the 20% darker color. If you saturate the color by 10%, you get **DC657E**, and if you desaturate by 10%, it is **DC91A0**.

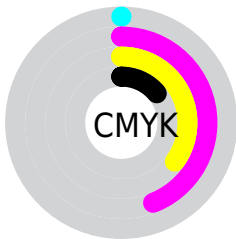
# Distribution



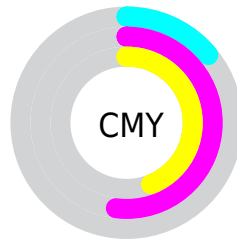
- Red (86%)
- Green (48%)
- Blue (56%)



- Red (86%)
- Yellow (48%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC7B8F 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 DC7B8F by changing the saturation by 10% instead.



 DC7B8F

 DC7B8F

FFFFFF

 BF6175

 FFB1C5

 A2475D

 FFCDE1

 862E45

 FFEAFD

 6B122F

 50001B

 370000

 140000

 000000

 DC7B8F

 DC7B8F

 DC657E

 DC91A0

 DC4F6C

 DCA7B2

 DC395B

 DCBDC3

 DC2349

 DCD3D5

 DC0D38

 DCE9E6

 DC002D

 DCFFF8

 DCFFFF

# Harmonies

## Analogous

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



CD7FB3



DC7B8F



D8816D

# Triad

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



DC7B8F



7EA35E



1AA3DA

# Complementary

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



DC7B8F



7BDCC8

# 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.



00A9C3



DC7B8F



4FA97D

# Square

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



DC7B8F



A49950



00ABA1



7298DE

# Rectangle

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



DC7B8F



CC895C



00ABA1



00A5D4



# Sweetspot

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



DC7B8F



FFDEE5



C77BDC



806B6F



000000



808080



# Same Dimension

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



DC7B8F



FF7894



DC967B



6E6365



AD0024



2E0009



# Inverse Universe

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



DC7B8F



FF7894



7BC1DC



6E6365



AD0024



2E0009



# Previews

## White Background



This preview shows how the Hex color DC7B8F looks on a white background.

## Color Contrast Check

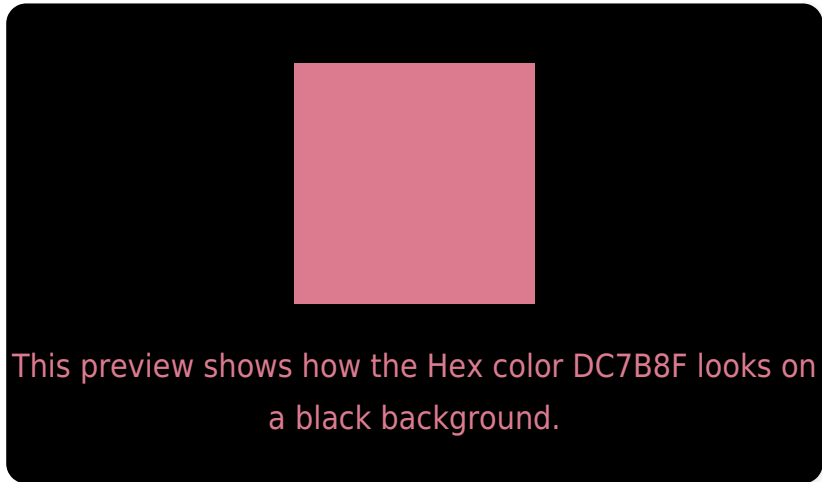
Large Text (above 18pt) WCAG AA × Fail

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 DC7B8F Background



This preview shows how black text looks on a background with the Hex color DC7B8F.



This preview shows how white text looks on a background with the Hex color DC7B8F.

# 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**  
DB7D86

# Trichromacy



**Original Color**  
DC7B8F



**Protanomaly**  
B18D99



**Deuteranomaly**  
BD8A8C

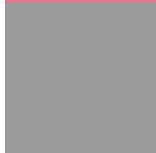


**Tritanomaly**  
DB7C89

# Monochromacy



**Original Color**  
DC7B8F



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B28F96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC7B8F 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 #DC7B8F looks like.

```
.text, #text, p{  
    color:#DC7B8F  
}
```

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 #DC7B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC7B8F
}
```

## Border

The CSS property to change the border of an element to Hex DC7B8F 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
#DC7B8F }
```

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

```
.border{ border-color:#DC7B8F }
```

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

Here you see how a box with a 4 pixel #DC7B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC7B8F; -webkit-box-shadow:4px 4px  
4px 4px #DC7B8F; box-shadow:4px 4px 4px  
4px #DC7B8F }
```

# Background

The CSS property to change the background color of an element to Hex DC7B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC7B8F }
```

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

```
.background{ background-color:#DC7B8F }
```

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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