

# Converting Colors

Hex(DE7B9E)

Have a look what the booklet for  
Hex(DE7B9E) contains.

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# **Color**

**Hex(DE7B9E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7B9E
RGB	222, 123, 158
RGB Percent	87%, 48%, 62%
CMY	0.1294, 0.5176, 0.3804
CMYK	0.00, 0.45, 0.29, 0.13
HSL	339°, 60%, 68%
HSV	339°, 45%, 87%
XYZ	43.3787, 32.1641, 36.2697
YIQ	156.5910, 47.7690, 31.8730

# Conversions

## Conversions Part 2

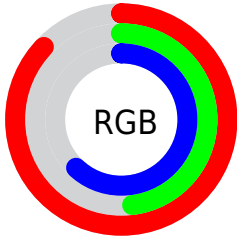
Format	Color
R <sub>Y</sub> B	222, 123, 158
Decimal	14580638
CIE Lab	63.48, 42.38, -1.61
CIE LCh	63, 42.412, 357.825
Yxy	32.1641, 0.3880, 0.2877
Android (android.graphics.Color)	4292770718 (0xFFDE7B9E)
YUV	156.5910, 0.6946, 57.3637
Hunter-Lab	56.7134, 37.2818, 1.7819

# Details

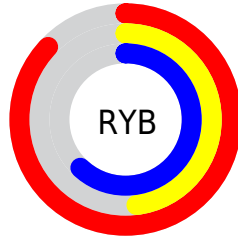
The Hex color **DE7B9E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BDEBB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **FFB1D5**, and **A4476B** is the 20% darker color. If you saturate the color by 10%, you get **DE6590**, and if you desaturate by 10%, it is **DE91AC**.

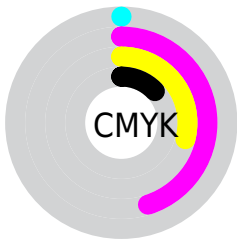
# Distribution



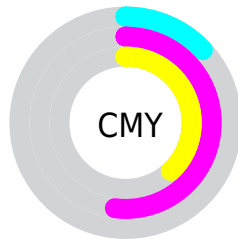
- Red (87%)
- Green (48%)
- Blue (62%)



- Red (87%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (45%)
- Yellow (29%)
- Black (13%)



- Cyan (13%)
- Magenta (52%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE7B9E 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 DE7B9E by changing the saturation by 10% instead.



 DE7B9E

 DE7B9E

FFFFFF

 C16184

 FFB1D5

 A4476B

 FFCDF1

 882D53

 FFEAFF

 6D103C

 520026

 390011

 1C0001

 000000

 DE7B9E

 DE7B9E

 DE6590

 DE91AC

 DE4F81

 DEA7BB

 DE3873

 DEBEC9

 DE2265

 DED4D7

 DE0C56

 DEEAE6

 DE004E

 DEFFF4

 DEFFFF

# Harmonies

## Analogous

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



C683C2



DE7B9E



E17E78

# Triad

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



DE7B9E



8DA255



00A8D9

# Complementary

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



DE7B9E



7BDEBB

# 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



DE7B9E



5FA970

# Square

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



DE7B9E



B3974D



0CAD96



559EE5

# Rectangle

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



DE7B9E



D88563



0CAD96



00AAD1



# Sweetspot

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



DE7B9E



FFDEEA



BA7BDE



806B72



000000



808080



# Same Dimension

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



DE7B9E



FF75A6



DE887B



706569



B0003E



300011



# Inverse Universe

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



DE7B9E



FF75A6



7BD1DE



706569



B0003E



300011



# Previews

## White Background



This preview shows how the Hex color DE7B9E looks on a white background.

## Color Contrast Check

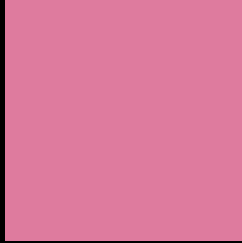
Large Text (above 18pt) WCAG AA × Fail

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 DE7B9E 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 DE7B9E Background



This preview shows how black text looks on a background with the Hex color DE7B9E.



This preview shows how white text looks on a background with the Hex color DE7B9E.

# 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**  
DC7F88

# Trichromacy



**Original Color**  
DE7B9E



**Protanomaly**  
B08EA9



**Deuteranomaly**  
BC8C9B

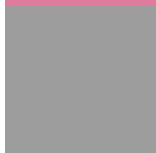


**Tritanomaly**  
DD7E90

# Monochromacy



**Original Color**  
DE7B9E



**Achromatopsia**  
9D9D9D



**Achromatomaly**  
B5919D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE7B9E 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 #DE7B9E looks like.

```
.text, #text, p{  
    color:#DE7B9E  
}
```

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 #DE7B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7B9E
}
```

## Border

The CSS property to change the border of an element to Hex DE7B9E 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
#DE7B9E }
```

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

```
.border{ border-color:#DE7B9E }
```

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

Here you see how a box with a 4 pixel #DE7B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7B9E; -webkit-box-shadow:4px 4px  
4px 4px #DE7B9E; box-shadow:4px 4px 4px  
4px #DE7B9E }
```

# Background

The CSS property to change the background color of an element to Hex DE7B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7B9E }
```

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

```
.background{ background-color:#DE7B9E }
```

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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