

# Converting Colors

Hex(DE7D89)

Have a look what the booklet for  
Hex(DE7D89) contains.

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# **Color**

**Hex(DE7D89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE7D89
RGB	222, 125, 137
RGB Percent	87%, 49%, 54%
CMY	0.1294, 0.5098, 0.4627
CMYK	0.00, 0.44, 0.38, 0.13
HSL	353°, 60%, 68%
HSV	353°, 44%, 87%
XYZ	41.9732, 32.0030, 27.6319
YIQ	155.3710, 53.9600, 24.2960

# Conversions

## Conversions Part 2

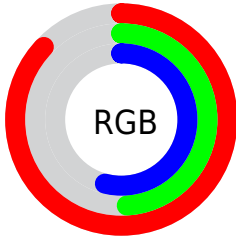
Format	Color
<a href="#">RYB</a>	<a href="#">222, 125, 137</a>
Decimal	<a href="#">14581129</a>
CIELab	<a href="#">63.35, 38.75, 10.18</a>
CIELCh	<a href="#">63, 40.066, 14.718</a>
Yxy	<a href="#">32.0030, 0.4131, 0.3150</a>
Android (android.graphics.Color)	<a href="#">4292771209 (0xFFDE7D89)</a>
YUV	<a href="#">155.3710, -9.0569, 58.4336</a>
Hunter-Lab	<a href="#">56.5712, 33.4392, 10.6399</a>

# Details

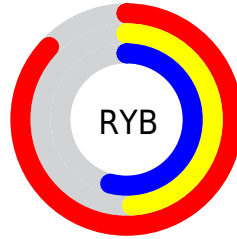
The Hex color **DE7D89** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **7DDED2**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFB3BE**, and **A44957** is the 20% darker color. If you saturate the color by 10%, you get **DE6776**, and if you desaturate by 10%, it is **DE939C**.

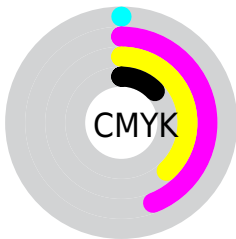
# Distribution



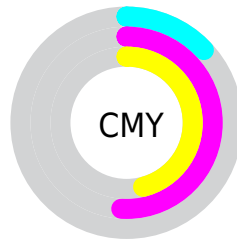
- Red (87%)
- Green (49%)
- Blue (54%)



- Red (87%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (44%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (51%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE7D89 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 DE7D89 by changing the saturation by 10% instead.



 DE7D89

 DE7D89

FFFFFF

 C16370

 FF33BE

 A44957

 FFCFDA

 883040

 FFECEF

 6C152A

 510016

 380000

 160000

 000000

 DE7D89

 DE7D89

 DE6776

 DE939C

 DE5162

 DEA9B0

 DE3A4F

 DEC0C3

 DE243B

 DED6D7

 DE0E28

 DEECEA

 DE001B

 DEFFFE

 DEFFFF

# Harmonies

## Analogous

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



D37FAD



DE7D89



D68569

# Triad

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



DE7D89



77A665



37A2DE

# Complementary

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



DE7D89



7DDED2

# 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.



00A9CB



DE7D89



45AB85

# Square

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



DE7D89



9F9D53



00ACAA



8097DE

# Rectangle

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



DE7D89



C88D59



00ACAA



05A5D9



# Sweetspot

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



DE7D89



FFDEE2



D17DDE



806B6E



000000



808080



# Same Dimension

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



DE7D89



FF7A8B



DEA17D



706566



B00016



300006



# Inverse Universe

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



DE7D89



FF7A8B



7DBADE



706566



B00016

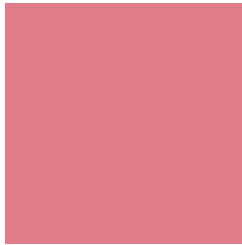


300006



# Previews

## White Background



This preview shows how the Hex color DE7D89 looks on a white background.

## Color Contrast Check

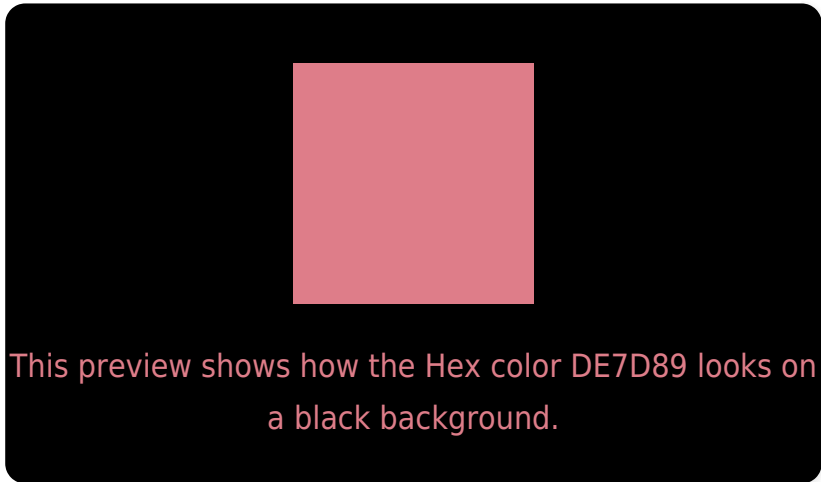
Large Text (above 18pt) WCAG AA × Fail

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 DE7D89 Background



This preview shows how black text looks on a background with the Hex color DE7D89.

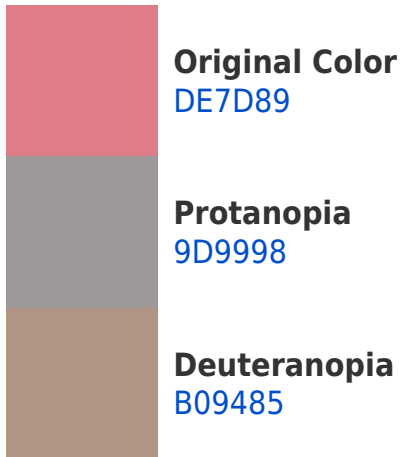


This preview shows how white text looks on a background with the Hex color DE7D89.

# 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](#).

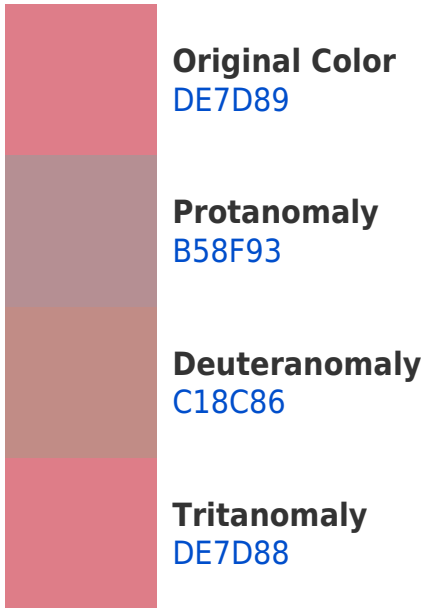
## Dichromacy



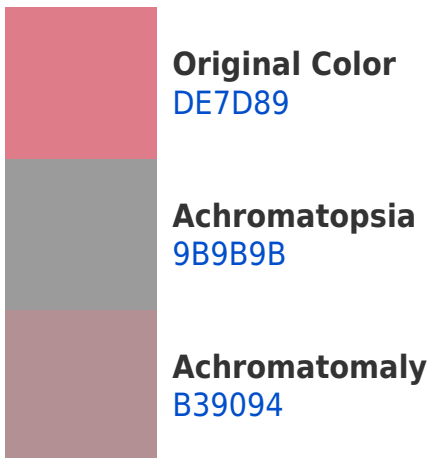


**Tritanopia**  
DE7D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE7D89 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 #DE7D89 looks like.

```
.text, #text, p{  
    color:#DE7D89  
}
```

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 #DE7D89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7D89
}
```

## Border

The CSS property to change the border of an element to Hex DE7D89 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
#DE7D89 }
```

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

```
.border{ border-color:#DE7D89 }
```

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

Here you see how a box with a 4 pixel #DE7D89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7D89; -webkit-box-shadow:4px 4px  
4px 4px #DE7D89; box-shadow:4px 4px 4px  
4px #DE7D89 }
```

# Background

The CSS property to change the background color of an element to Hex DE7D89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7D89 }
```

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

```
.background{ background-color:#DE7D89 }
```

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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