

# Converting Colors

Hex(DE779E)

Have a look what the booklet for  
Hex(DE779E) contains.

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# **Color**

**Hex(DE779E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE779E
RGB	222, 119, 158
RGB Percent	87%, 47%, 62%
CMY	0.1294, 0.5333, 0.3804
CMYK	0.00, 0.46, 0.29, 0.13
HSL	337°, 61%, 67%
HSV	337°, 46%, 87%
XYZ	42.8926, 31.1919, 36.1077
YIQ	154.2430, 48.8690, 33.9650

# Conversions

## Conversions Part 2

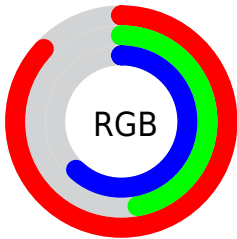
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 119, 158
Decimal	14579614
CIE <sub>Lab</sub>	62.67, 44.43, -2.80
CIE <sub>LCh</sub>	63, 44.513, 356.397
Yxy	31.1919, 0.3893, 0.2831
Android (android.graphics.Color)	4292769694 (0xFFDE779E)
YUV	154.2430, 1.8522, 59.4229
Hunter-Lab	55.8497, 39.3511, 0.7629

# Details

The Hex color **DE779E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77DEB7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFADD5**, and **A4436B** is the 20% darker color. If you saturate the color by 10%, you get **DE6190**, and if you desaturate by 10%, it is **DE8DAC**.

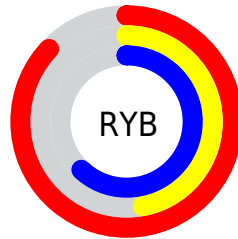
# Distribution



Red (87%)

Green (47%)

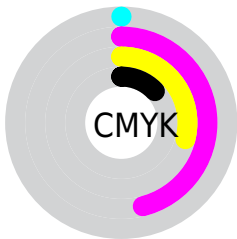
Blue (62%)



Red (87%)

Yellow (47%)

Blue (62%)

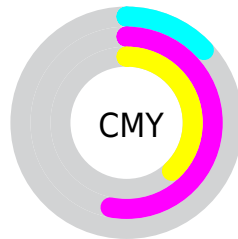


Cyan (0%)

Magenta (46%)

Yellow (29%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE779E 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 DE779E by changing the saturation by 10% instead.



 DE779E

 DE779E

FFFFFF

 C15D84

 FFADD5

 A4436B

 FFCAF1

 882853

 FFE6FF

 6D073C

 520026

 390011

 1A0001

 000000

 DE779E

 DE779E

 DE6190

 DE8DAC

 DE4B82

 DEA3BA

 DE3475

 DEBAC7

 DE1E67

 DED0D5

 DE0859

 DEE6E3

 DE0054

 DEFCF1

 DEFFFF

# Harmonies

## Analogous

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



C480C4



DE779E



E17A77

# Triad

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



DE779E



8CA04E



00A7D9

# Complementary

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



DE779E



77DEB7

# 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.



00ABB9



DE779E



5CA86A

# Square

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



DE779E



B49447



00AB91



469DE6

# Rectangle

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



DE779E



D98160



00AB91



00A9D0



# Sweetspot

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



DE779E



FFDBE9



B777DE



806A72



000000



808080



# Same Dimension

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



DE779E



FF70A6



DE8377



706569



B00043



300012



# Inverse Universe

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



DE779E



FF70A6



77D2DE



706569



B00043

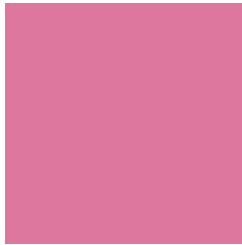


300012



# Previews

## White Background



This preview shows how the Hex color DE779E looks on a white background.

## Color Contrast Check

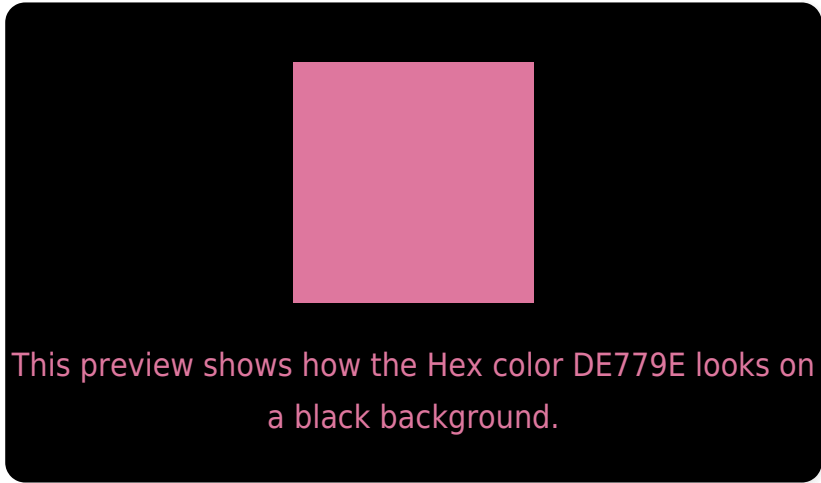
Large Text (above 18pt) WCAG AA × Fail

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 DE779E Background



This preview shows how black text looks on a background with the Hex color DE779E.

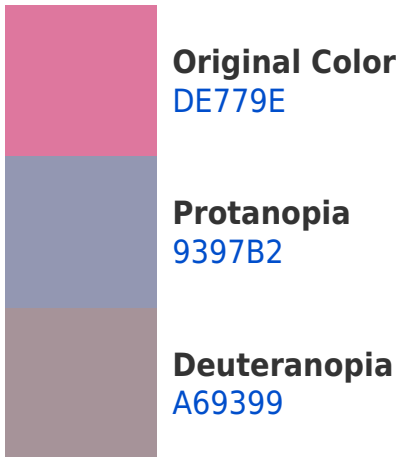


This preview shows how white text looks on a background with the Hex color DE779E.

# 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**  
DC7C85

# Trichromacy



**Original Color**  
DE779E



**Protanomaly**  
AE8BAB



**Deuteranomaly**  
BA899B

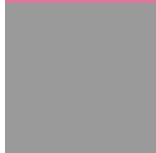


**Tritanomaly**  
DD7A8E

# Monochromacy



**Original Color**  
DE779E



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B38D9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE779E 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 #DE779E looks like.

```
.text, #text, p{  
    color:#DE779E  
}
```

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 #DE779E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE779E
}
```

## Border

The CSS property to change the border of an element to Hex DE779E 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
#DE779E }
```

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

```
.border{ border-color:#DE779E }
```

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

Here you see how a box with a 4 pixel #DE779E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE779E; -webkit-box-shadow:4px 4px  
4px 4px #DE779E; box-shadow:4px 4px 4px  
4px #DE779E }
```

# Background

The CSS property to change the background color of an element to Hex DE779E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE779E }
```

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

```
.background{ background-color:#DE779E }
```

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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