

Converting Colors

Hex(DE7DBE)

Have a look what the booklet for
Hex(DE7DBE) contains.

Hex(DE7DBE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DE7DBE)

Conversions

Conversions Part 1

Format	Color
Hex	DE7DBE
RGB	222, 125, 190
RGB Percent	87%, 49%, 75%
CMY	0.1294, 0.5098, 0.2549
CMYK	0.00, 0.44, 0.14, 0.13
HSL	320°, 60%, 68%
HSV	320°, 44%, 87%
XYZ	46.7521, 33.9145, 52.7973
YIQ	161.4130, 36.9470, 40.7790

Conversions

Conversions Part 2

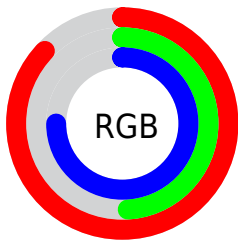
Format	Color
R _Y B	222, 125, 190
Decimal	14581182
CIE Lab	64.89, 46.01, -17.65
CIE LCh	65, 49.277, 339.009
Yxy	33.9145, 0.3503, 0.2541
Android (android.graphics.Color)	4292771262 (0xFFDE7DBE)
YUV	161.4130, 14.0934, 53.1348
Hunter-Lab	58.2362, 41.3867, -12.9873

Details

The Hex color **DE7DBE** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7DDE9D**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFB4F6**, and **A54889** is the 20% darker color. If you saturate the color by 10%, you get **DE67B7**, and if you desaturate by 10%, it is **DE93C5**.

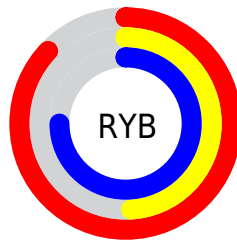
Distribution



Red (87%)

Green (49%)

Blue (75%)



Red (87%)

Yellow (49%)

Blue (75%)

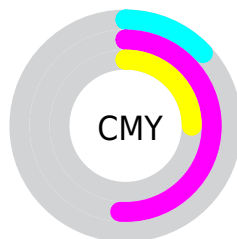


Cyan (0%)

Magenta (44%)

Yellow (14%)

Black (13%)



Cyan (13%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE7DBE 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 DE7DBE by changing the saturation by 10% instead.

 DE7DBE

 DE7DBE

FFFFFF

 C163A3

 FFB4F6

 A54889

 FFD0FF

 892E6F

 FFEDFF

 6E1057

 54003F

 3B0029

 220014

 000000

 DE7DBE

 DE7DBE

 DE67B7

 DE93C5

 DE51AF

 DEA9CD

 DE3AA8

 DEC0D4

 DE24A1

 DED6DB

 DE0E99

 DEECE3

 DE0095

 DEFEEA

 DEFFF1

 DEFFF9

 DEFFFF

Harmonies

Analogous

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



B28DE2



DE7DBE



F07892

Triad

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



DE7DBE



AB9F43



00B2D4

Complementary

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



DE7DBE



7DDE9D

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.



00B4AA



DE7DBE



7BAB56

Square

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



DE7DBE



D1904A



38B17C



00ABEF

Rectangle

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



DE7DBE



EE7C75



38B17C



00B3C7

Sweetspot

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



DE7DBE



FFDEF4



9C7DDE



806B79



000000



808080

Same Dimension

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



DE7DBE



FF7AD3



DE7D8F



70656C



B00076



300020

Inverse Universe

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



DE7DBE



FF7AD3



7DDECC



70656C



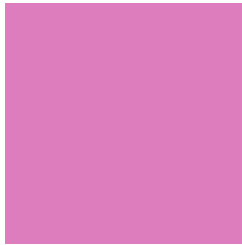
B00076



300020

Previews

White Background



This preview shows how the Hex color DE7DBE looks on a white background.

Color Contrast Check

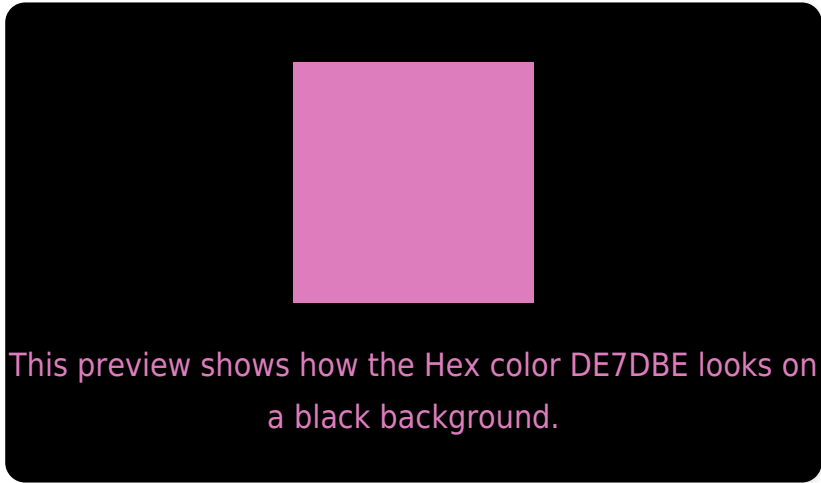
Large Text (above 18pt) WCAG AA × Fail

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 DE7DBE Background



This preview shows how black text looks on a background with the Hex color DE7DBE.

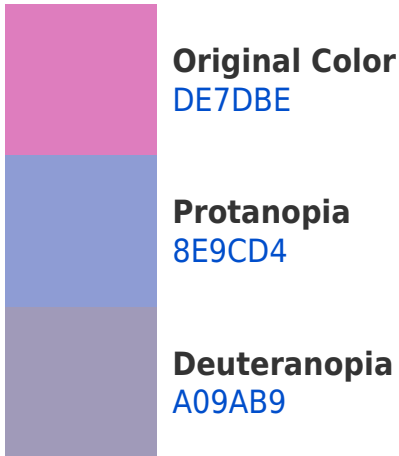


This preview shows how white text looks on a background with the Hex color DE7DBE.

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
D98690

Trichromacy



Original Color
DE7DBE



Protanomaly
AB91CC



Deuteranomaly
B78FBB

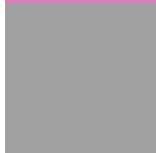


Tritanomaly
DB83A1

Monochromacy



Original Color
DE7DBE



Achromatopsia
A1A1A1



Achromatomaly
B794AC

CSS Examples

Text

The CSS property to change the color of the text to Hex DE7DBE 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 #DE7DBE looks like.

```
.text, #text, p{  
    color:#DE7DBE  
}
```

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 #DE7DBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7DBE
}
```

Border

The CSS property to change the border of an element to Hex DE7DBE 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
#DE7DBE }
```

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

```
.border{ border-color:#DE7DBE }
```

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

Here you see how a box with a 4 pixel #DE7DBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7DBE; -webkit-box-shadow:4px 4px  
4px 4px #DE7DBE; box-shadow:4px 4px 4px  
4px #DE7DBE }
```

Background

The CSS property to change the background color of an element to Hex DE7DBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7DBE }
```

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

```
.background{ background-color:#DE7DBE }
```

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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