

Converting Colors

Hex(DE7BE0)

Have a look what the booklet for
Hex(DE7BE0) contains.

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Color

Hex(**DE7BE0**)

Conversions

Conversions Part 1

Format	Color
Hex	DE7BE0
RGB	222, 123, 224
RGB Percent	87%, 48%, 88%
CMY	0.1294, 0.5176, 0.1216
CMYK	0.01, 0.45, 0.00, 0.12
HSL	299°, 62%, 68%
HSV	299°, 45%, 88%
XYZ	50.6617, 35.0773, 74.6214
YIQ	164.1150, 26.5830, 52.3990

Conversions

Conversions Part 2

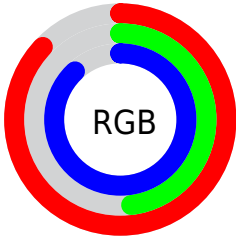
Format	Color
R _{YB}	222, 123, 224
Decimal	14580704
CIE _{Lab}	65.81, 52.78, -35.28
CIE _{LCh}	66, 63.483, 326.236
Yxy	35.0773, 0.3159, 0.2187
Android (android.graphics.Color)	4292770784 (0xFFDE7BE0)
YUV	164.1150, 29.5233, 50.7651
Hunter-Lab	59.2261, 49.0422, -33.2436

Details

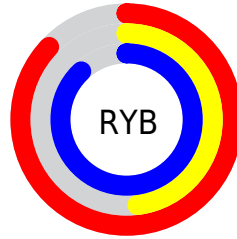
The Hex color **DE7BE0** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7DE07B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB2FF**, and **A545A8** is the 20% darker color. If you saturate the color by 10%, you get **DE65E0**, and if you desaturate by 10%, it is **DE91E0**.

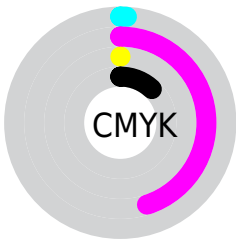
Distribution



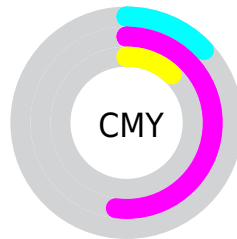
- Red (87%)
- Green (48%)
- Blue (88%)



- Red (87%)
- Yellow (48%)
- Blue (88%)



- Cyan (1%)
- Magenta (45%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (52%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE7BE0 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 DE7BE0 by changing the saturation by 10% instead.

 DE7BE0

 DE7BE0

FFFFFF

 C160C4

 FFB2FF

 A545A8

 FFCEFF

 892A8E

 FFE0FF

 6E0574

 53005B

 3A0043

 22002C

 000116

 000000

 DE7BE0

 DE7BE0

 DE65E0

 DE91E0

 DD4EE0

 DFA8E0

 DD38E0

 DFBEE0

 DC21E0

 E0D5E0

 DC0BE0

 E0EBE0

 DC00E0

 E1FFE0

 E2FFE0

Harmonies

Analogous

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



9394FF



DE7BE0



FF6AAA

Triad

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



DE7BE0



C39B21



00BBD1

Complementary

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



DE7BE0



7DE07B

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.



00BB97



DE7BE0



8CAB2F

Square

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



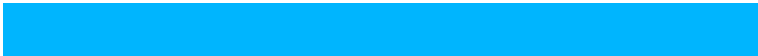
DE7BE0



EE8441



3CB65D



00B5FE

Rectangle

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



DE7BE0



FF6B83



3CB65D



00BBBE

Sweetspot

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



DE7BE0



FEDBFF



7B7EE0



7F6A80



000000



808080

Same Dimension

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



DE7BE0



FC75FF



E07BB1



706570



AC00B0



2F0030

Inverse Universe

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



E07B7D



FF7578



7BE0AA



706565



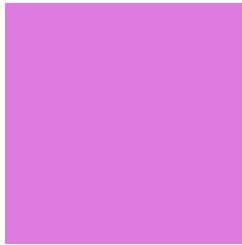
B00003



300001

Previews

White Background



This preview shows how the Hex color DE7BE0 looks on a white background.

Color Contrast Check

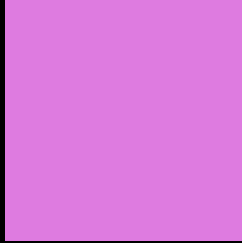
Large Text (above 18pt) WCAG AA × Fail

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 DE7BE0 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 DE7BE0 Background



This preview shows how black text looks on a background with the Hex color DE7BE0.

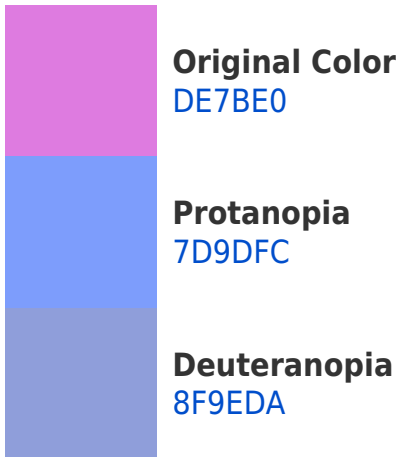


This preview shows how white text looks on a background with the Hex color DE7BE0.

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
D58C96

Trichromacy



Original Color
DE7BE0



Protanomaly
A091F2



Deuteranomaly
AC91DC

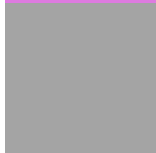


Tritanomaly
D886B1

Monochromacy



Original Color
DE7BE0



Achromatopsia
A4A4A4



Achromatomaly
B995BA

CSS Examples

Text

The CSS property to change the color of the text to Hex DE7BE0 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 #DE7BE0 looks like.

```
.text, #text, p{  
    color:#DE7BE0  
}
```

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 #DE7BE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE7BE0
}
```

Border

The CSS property to change the border of an element to Hex DE7BE0 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
#DE7BE0 }
```

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

```
.border{ border-color:#DE7BE0 }
```

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

Here you see how a box with a 4 pixel #DE7BE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE7BE0; -webkit-box-shadow:4px 4px  
4px 4px #DE7BE0; box-shadow:4px 4px 4px  
4px #DE7BE0 }
```

Background

The CSS property to change the background color of an element to Hex DE7BE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE7BE0 }
```

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

```
.background{ background-color:#DE7BE0 }
```

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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