

# Converting Colors

Hex(DE8CBA)

Have a look what the booklet for  
Hex(DE8CBA) contains.

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# **Color**

**Hex(DE8CBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE8CBA
RGB	222, 140, 186
RGB Percent	87%, 55%, 73%
CMY	0.1294, 0.4510, 0.2706
CMYK	0.00, 0.37, 0.16, 0.13
HSL	326°, 55%, 71%
HSV	326°, 37%, 87%
XYZ	48.3652, 37.8309, 51.2073
YIQ	169.7620, 34.1060, 31.6900

# Conversions

## Conversions Part 2

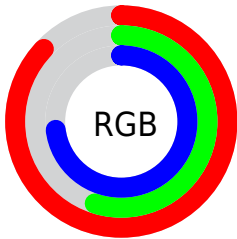
Format	Color
R <sub>Y</sub> B	222, 140, 186
Decimal	14585018
CIE Lab	67.90, 37.56, -10.88
CIE LCh	68, 39.105, 343.839
Yxy	37.8309, 0.3520, 0.2753
Android (android.graphics.Color)	4292775098 (0xFFDE8CBA)
YUV	169.7620, 8.0053, 45.8127
Hunter-Lab	61.5069, 32.7244, -6.3069

# Details

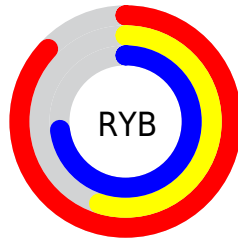
The Hex color **DE8CBA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CDEB0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC3F2**, and **A55885** is the 20% darker color. If you saturate the color by 10%, you get **DE76B0**, and if you desaturate by 10%, it is **DEA2C4**.

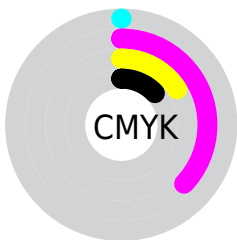
# Distribution



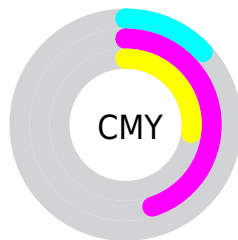
- Red (87%)
- Green (55%)
- Blue (73%)



- Red (87%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE8CBA 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 DE8CBA by changing the saturation by 10% instead.



 DE8CBA

 DE8CBA

FFFFFF

 C1729F

 FFC3F2

 A55885

 FFDFFF

 8A3F6C

 FFFCFF

 6F2653

 550A3C

 3C0026

 270011

 000000

 DE8CBA

 DE8CBA

 DE76B0

 DEA2C4

 DE60A7

 DEB8CD

 DE499D

 DECFD7

 DE3393

 DEE5E1

 DE1D89

 DEFBE8

 DE0780

 DEFFF4

 DE007D

 DEFFFE

 DEFFFF

# Harmonies

## Analogous

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



BE96D9



DE8CBA



EA8A96

# Triad

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



DE8CBA



ACA960



00B6D5

# Complementary

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



DE8CBA



8CDEB0

# 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.



12B8B5



DE8CBA



85B271

# Square

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



DE8CBA



CD9D62



57B791



4BAEE9

# Rectangle

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



DE8CBA



E78E80



57B791



00B7CC



# Sweetspot

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



DE8CBA



FFE3F3



B08CDE



806F78



000000



808080



# Same Dimension

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



DE8CBA



FF8FCE



DE8C91



70656B



B00063



30001B



# Inverse Universe

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



DE8CBA



FF8FCE



8CDED9



70656B



B00063

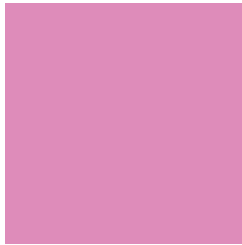


30001B



# Previews

## White Background



This preview shows how the Hex color DE8CBA looks on a white background.

## Color Contrast Check

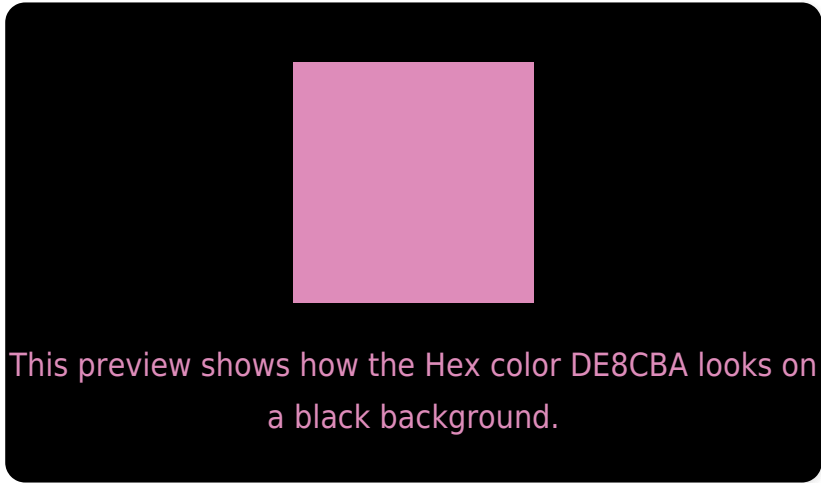
Large Text (above 18pt) WCAG AA × Fail

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 DE8CBA Background



This preview shows how black text looks on a background with the Hex color DE8CBA.

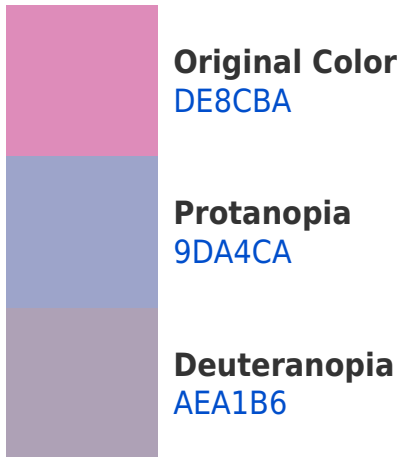



This preview shows how white text looks on a background with the Hex color DE8CBA.

# 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**  
DB919C

# Trichromacy



**Original Color**  
DE8CBA



**Protanomaly**  
B59BC4



**Deuteranomaly**  
BF99B7

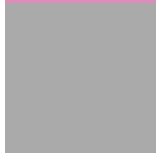


**Tritanomaly**  
DC8FA7

# Monochromacy



**Original Color**  
DE8CBA



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
BD9FB0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE8CBA 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 #DE8CBA looks like.

```
.text, #text, p{  
    color:#DE8CBA  
}
```

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 #DE8CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8CBA
}
```

## Border

The CSS property to change the border of an element to Hex DE8CBA 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
#DE8CBA }
```

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

```
.border{ border-color:#DE8CBA }
```

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

Here you see how a box with a 4 pixel #DE8CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8CBA; -webkit-box-shadow:4px 4px  
4px 4px #DE8CBA; box-shadow:4px 4px 4px  
4px #DE8CBA }
```

# Background

The CSS property to change the background color of an element to Hex DE8CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8CBA }
```

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

```
.background{ background-color:#DE8CBA }
```

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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