

# Converting Colors

Hex(DE80C3)

Have a look what the booklet for  
Hex(DE80C3) contains.

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# **Color**

**Hex(DE80C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DE80C3
RGB	222, 128, 195
RGB Percent	87%, 50%, 76%
CMY	0.1294, 0.4980, 0.2353
CMYK	0.00, 0.42, 0.12, 0.13
HSL	317°, 59%, 69%
HSV	317°, 42%, 87%
XYZ	47.6937, 34.9081, 55.8540
YIQ	163.7440, 34.5170, 40.7650

# Conversions

## Conversions Part 2

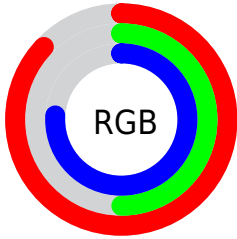
Format	Color
R <sub>YB</sub>	222, 128, 195
Decimal	14581955
CIE Lab	65.68, 45.27, -19.28
CIE LCh	66, 49.202, 336.931
Yxy	34.9081, 0.3445, 0.2521
Android (android.graphics.Color)	4292772035 (0xFFDE80C3)
YUV	163.7440, 15.4092, 51.0905
Hunter-Lab	59.0831, 40.6955, -14.6915

# Details

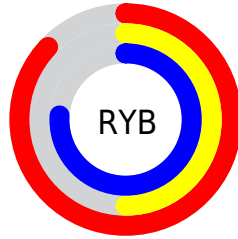
The Hex color **DE80C3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80DE9B**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB7FC**, and **A54B8D** is the 20% darker color. If you saturate the color by 10%, you get **DE6ABD**, and if you desaturate by 10%, it is **DE96C9**.

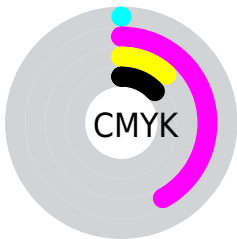
# Distribution



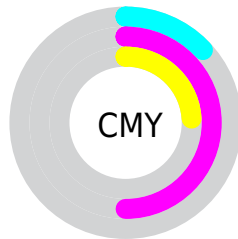
- Red (87%)
- Green (50%)
- Blue (76%)



- Red (87%)
- Yellow (50%)
- Blue (76%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (13%)



- Cyan (13%)
- Magenta (50%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DE80C3 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 DE80C3 by changing the saturation by 10% instead.



 DE80C3

 DE80C3

FFFFFF

 C166A8

 FFB7FC

 A54B8D

 FFD3FF

 893174

 FFF0FF

 6F155B

 540043

 3B002D

 230018

 000000

 DE80C3

 DE80C3

 DE6ABD

 DE96C9

 DE54B6

 DEACD0

 DE3DB0

 DEC3D6

 DE27A9

 DED9DD

 DE11A3

 DEEFE3

 DE009E

 DEFFE9

 DEFFF0

 DEFFF6

 DEFFFC

# Harmonies

## Analogous

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



B090E6



DE80C3



F27A97

# Triad

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



DE80C3



B0A044



00B4D3

# Complementary

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



DE80C3



80DE9B

# 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.



00B6A9



DE80C3



81AC56

# Square

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



DE80C3



D5914E



41B37B



00ADF0

# Rectangle

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



DE80C3



F17E7A



41B37B



00B5C6



# Sweetspot

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



DE80C3



FFDEF5



9B80DE



806B7A



000000



808080



# Same Dimension

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



DE80C3



FF7DDA



DE8094



70656D



B0007D



300023



# Inverse Universe

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



DE80C3



FF7DDA



80DECA



70656D



B0007D



300023



# Previews

## White Background



This preview shows how the Hex color DE80C3 looks on a white background.

## Color Contrast Check

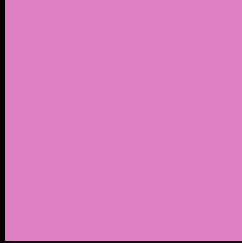
Large Text (above 18pt) WCAG AA × Fail

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 DE80C3 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 DE80C3 Background



This preview shows how black text looks on a background with the Hex color DE80C3.

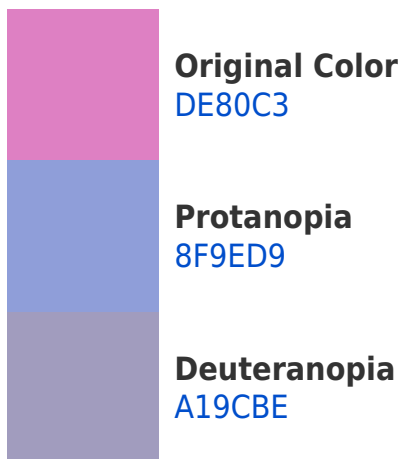


This preview shows how white text looks on a background with the Hex color DE80C3.

# 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**  
D98A94

# Trichromacy



**Original Color**  
DE80C3



**Protanomaly**  
AC93D1



**Deuteranomaly**  
B792C0

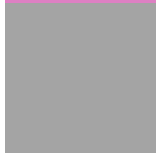


**Tritanomaly**  
DB86A5

# Monochromacy



**Original Color**  
DE80C3



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
B997AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DE80C3 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 #DE80C3 looks like.

```
.text, #text, p{  
    color:#DE80C3  
}
```

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 #DE80C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE80C3
}
```

## Border

The CSS property to change the border of an element to Hex DE80C3 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
#DE80C3 }
```

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

```
.border{ border-color:#DE80C3 }
```

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

Here you see how a box with a 4 pixel #DE80C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE80C3; -webkit-box-shadow:4px 4px  
4px 4px #DE80C3; box-shadow:4px 4px 4px  
4px #DE80C3 }
```

# Background

The CSS property to change the background color of an element to Hex DE80C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE80C3 }
```

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

```
.background{ background-color:#DE80C3 }
```

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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