

Converting Colors

Hex(DE85B3)

Have a look what the booklet for
Hex(DE85B3) contains.

Hex(DE85B3)	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(DE85B3)

Conversions

Conversions Part 1

Format	Color
Hex	DE85B3
RGB	222, 133, 179
RGB Percent	87%, 52%, 70%
CMY	0.1294, 0.4784, 0.2980
CMYK	0.00, 0.40, 0.19, 0.13
HSL	329°, 57%, 70%
HSV	329°, 40%, 87%
XYZ	46.6484, 35.5593, 47.0528
YIQ	164.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

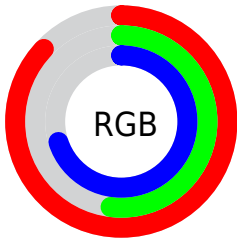
Format	Color
R _{YB}	222, 133, 179
Decimal	14583219
CIE Lab	66.18, 40.17, -9.51
CIE LCh	66, 41.279, 346.674
Yxy	35.5593, 0.3609, 0.2751
Android (android.graphics.Color)	4292773299 (0xFFDE85B3)
YUV	164.8550, 6.9735, 50.1162
Hunter-Lab	59.6316, 35.2809, -5.0411

Details

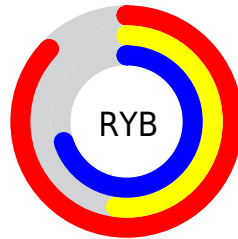
The Hex color **DE85B3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85DEB0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFBCEB**, and **A5517E** is the 20% darker color. If you saturate the color by 10%, you get **DE6FA8**, and if you desaturate by 10%, it is **DE9BBE**.

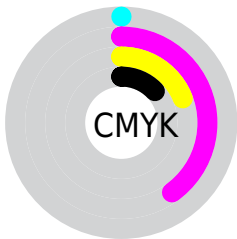
Distribution



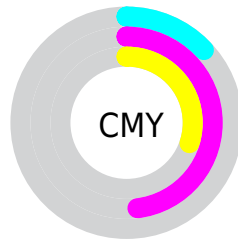
- Red (87%)
- Green (52%)
- Blue (70%)



- Red (87%)
- Yellow (52%)
- Blue (70%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (13%)



- Cyan (13%)
- Magenta (48%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE85B3 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 DE85B3 by changing the saturation by 10% instead.

 DE85B3

 DE85B3

FFFFFF

 C16B98

 FFBC EB

 A5517E

 FFD8FF

 8A3865

 FFF5FF

 6F1E4D

 540037

 3B0021

 240008

 000000

 DE85B3

 DE85B3

 DE6FA8

 DE9BBE

 DE599E

 DEB1C8

 DE4293

 DEC8D3

 DE2C88

 DEDEDE

 DE167D

 DEF4E9

 DE0073

 DEFFF3

 DEFFFE

 DEFFFF

Harmonies

Analogous

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



BF8FD4



DE85B3



E8848D

Triad

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



DE85B3



A4A558



00B1D6

Complementary

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



DE85B3



85DEB0

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.



00B4B5



DE85B3



7AAE6D

Square

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



DE85B3



C79958



45B38F



42A9E8

Rectangle

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



DE85B3



E48876



45B38F



00B3CC

Sweetspot

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



DE85B3



FFE0F0



AF85DE



806E77



000000



808080

Same Dimension

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



DE85B3



FF85C4



DE8588



70656B



B0005B



300019

Inverse Universe

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



DE85B3



FF85C4



85DEDB



70656B



B0005B



300019

Previews

White Background



This preview shows how the Hex color DE85B3 looks on a white background.

Color Contrast Check

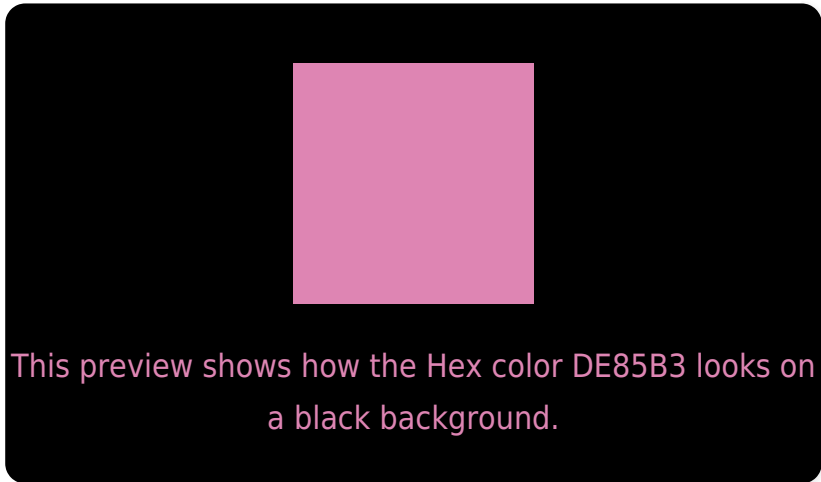
Large Text (above 18pt) WCAG AA × Fail

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 DE85B3 Background



This preview shows how black text looks on a background with the Hex color DE85B3.

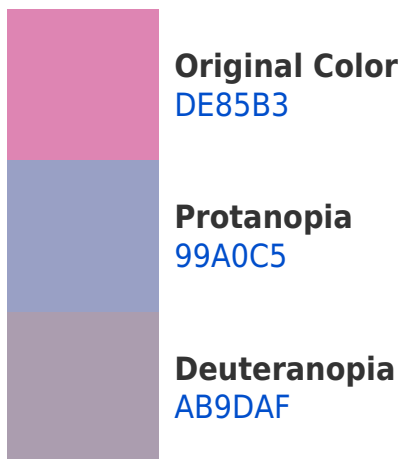


This preview shows how white text looks on a background with the Hex color DE85B3.

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
DB8B95

Trichromacy



Original Color
DE85B3



Protanomaly
B296BE



Deuteranomaly
BE94B0

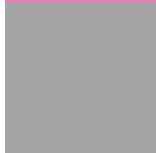


Tritanomaly
DC89A0

Monochromacy



Original Color
DE85B3



Achromatopsia
A5A5A5



Achromatomaly
BA99AA

CSS Examples

Text

The CSS property to change the color of the text to Hex DE85B3 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 #DE85B3 looks like.

```
.text, #text, p{  
    color:#DE85B3  
}
```

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 #DE85B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE85B3
}
```

Border

The CSS property to change the border of an element to Hex DE85B3 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
#DE85B3 }
```

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

```
.border{ border-color:#DE85B3 }
```

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

Here you see how a box with a 4 pixel #DE85B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE85B3; -webkit-box-shadow:4px 4px  
4px 4px #DE85B3; box-shadow:4px 4px 4px  
4px #DE85B3 }
```

Background

The CSS property to change the background color of an element to Hex DE85B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE85B3 }
```

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

```
.background{ background-color:#DE85B3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor