

Converting Colors

Hex(DEB3E7)

Have a look what the booklet for
Hex(DEB3E7) contains.

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Color

Hex(DEB3E7)

Conversions

Conversions Part 1

Format	Color
Hex	DEB3E7
RGB	222, 179, 231
RGB Percent	87%, 70%, 91%
CMY	0.1294, 0.2980, 0.0941
CMYK	0.04, 0.23, 0.00, 0.09
HSL	290°, 52%, 80%
HSV	290°, 23%, 91%
XYZ	60.6681, 53.5393, 82.7379
YIQ	197.7850, 8.9360, 25.2880

Conversions

Conversions Part 2

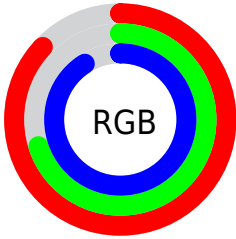
Format	Color
R _Y B	222, 179, 231
Decimal	14595047
CIE Lab	78.19, 24.50, -20.11
CIE LCh	78, 31.696, 320.629
Yxy	53.5393, 0.3080, 0.2718
Android (android.graphics.Color)	4292785127 (0xFFDEB3E7)
YUV	197.7850, 16.3750, 21.2366
Hunter-Lab	73.1706, 19.9517, -15.8230

Details

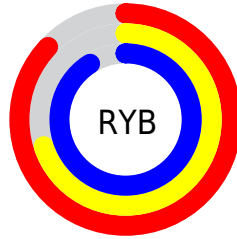
The Hex color **DEB3E7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BCE7B3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFEBFF**, and **A67EAF** is the 20% darker color. If you saturate the color by 10%, you get **DA9CE7**, and if you desaturate by 10%, it is **E2CAE7**.

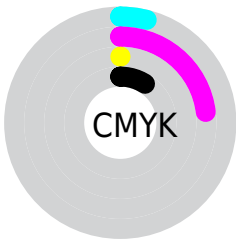
Distribution



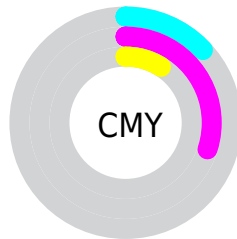
- Red (87%)
- Green (70%)
- Blue (91%)



- Red (87%)
- Yellow (70%)
- Blue (91%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEB3E7 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 DEB3E7 by changing the saturation by 10% instead.

 DEB3E7

 DEB3E7

FFFFFF

 C298CB

 FFEBFF

 A67EAF

 8C6595

 724C7B

 593562

 411F4A

 290933

 14001E

 000000

 DEB3E7

 DEB3E7

 DA9CE7

 E2CAE7

 D685E7

 E6E1E7

 D26EE7

 EAF8E7

 CE57E7

 EEFEE7

 CA3FE7

 F2FEE7

 C628E7

 F6FEE7

 C211E7

 FAFEE7

 BF00E7

 FEFFE7

 FFFFE7

Harmonies

Analogous

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



B9BDF8



DEB3E7



F6ACCC

Triad

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



DEB3E7



DFBC88



67D2D5

Complementary

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



DEB3E7



BCE7B3

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.



7ED1B7



DEB3E7



C1C68A

Square

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



DEB3E7



F4B395



A0CD9B



6CCEEE

Rectangle

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



DEB3E7



FCACB8



A0CD9B



6DD2CB

Sweetspot

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



DEB3E7



FCEDFF



B3BDE7



7E7580



000000



808080

Same Dimension

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



DEB3E7



F3BAFF



E7B3D7



716773



9400B3



2A0033

Inverse Universe

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



E7B3BC



FFBAC6



B3E7C3



736769



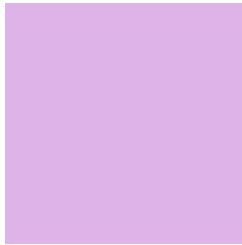
B3001F



330009

Previews

White Background



This preview shows how the Hex color DEB3E7 looks on a white background.

Color Contrast Check

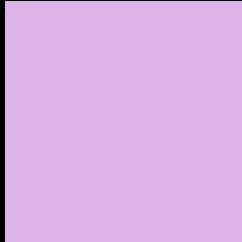
Large Text (above 18pt) WCAG AA × Fail

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 DEB3E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

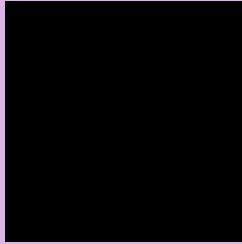
Any Text WCAG AA ✓ Pass

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 DEB3E7 Background



This preview shows how black text looks on a background with the Hex color DEB3E7.

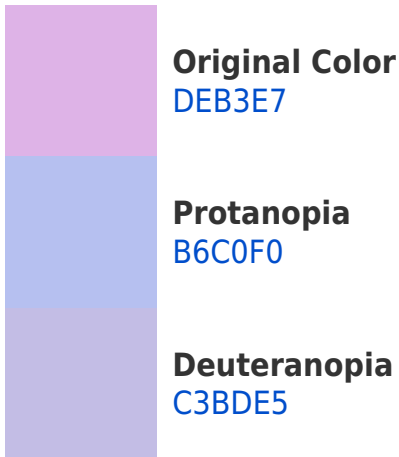


This preview shows how white text looks on a background with the Hex color DEB3E7.

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
D9B9C7

Trichromacy



Original Color
DEB3E7



Protanomaly
C5BBED



Deuteranomaly
CDB9E6



Tritanomaly
DBB7D3

Monochromacy



Original Color
DEB3E7



Achromatopsia
C6C6C6



Achromatomaly
CFBFD2

CSS Examples

Text

The CSS property to change the color of the text to Hex DEB3E7 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 #DEB3E7 looks like.

```
.text, #text, p{  
  color:#DEB3E7  
}
```

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 #DEB3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEB3E7
}
```

Border

The CSS property to change the border of an element to Hex DEB3E7 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
#DEB3E7 }
```

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

```
.border{ border-color:#DEB3E7 }
```

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

Here you see how a box with a 4 pixel #DEB3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEB3E7; -webkit-box-shadow:4px 4px  
4px 4px #DEB3E7; box-shadow:4px 4px 4px  
4px #DEB3E7 }
```

Background

The CSS property to change the background color of an element to Hex DEB3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEB3E7 }
```

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

```
.background{ background-color:#DEB3E7 }
```

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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