

Converting Colors

Hex(DEA3E9)

Have a look what the booklet for
Hex(DEA3E9) contains.

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Color

Hex(DEA3E9)

Conversions

Conversions Part 1

Format	Color
Hex	DEA3E9
RGB	222, 163, 233
RGB Percent	87%, 64%, 91%
CMY	0.1294, 0.3608, 0.0863
CMYK	0.05, 0.30, 0.00, 0.09
HSL	291°, 61%, 78%
HSV	291°, 30%, 91%
XYZ	57.9294, 47.6072, 83.2267
YIQ	188.6210, 12.6940, 34.2780

Conversions

Conversions Part 2

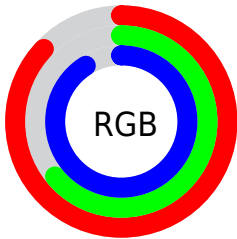
Format	Color
R _Y B	222, 163, 233
Decimal	14590953
CIE Lab	74.58, 33.51, -26.70
CIE LCh	75, 42.846, 321.454
Yxy	47.6072, 0.3069, 0.2522
Android (android.graphics.Color)	4292781033 (0xFFDEA3E9)
YUV	188.6210, 21.8788, 29.2734
Hunter-Lab	68.9980, 29.1188, -23.2182

Details

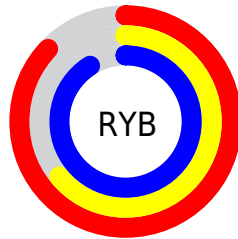
The Hex color **DEA3E9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEE9A3**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFDBFF**, and **A66EB1** is the 20% darker color. If you saturate the color by 10%, you get **DA8CE9**, and if you desaturate by 10%, it is **E2BAE9**.

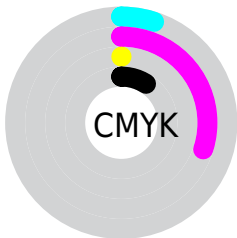
Distribution



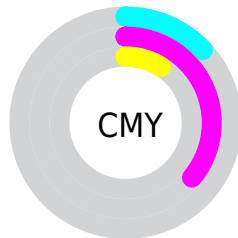
- Red (87%)
- Green (64%)
- Blue (91%)



- Red (87%)
- Yellow (64%)
- Blue (91%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color DEA3E9 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 DEA3E9 by changing the saturation by 10% instead.

 DEA3E9

FFFFFF

 FFDBFF


 FFF7FF

 DEA3E9

 C288CD

 A66EB1

 8B5596

 713D7C

 572563

 3F0D4B

 280034

 06001E

 000000

 DEA3E9

 DEA3E9

 DA8CE9

 E2BAE9

 D774E9

 E5D2E9

 D35DE9

 E9E9E9

 CF46E9

 EDFFE9

 CC2EE9

 F0FFE9

 C817E9

 F4FFE9

 C400E9

 F8FFE9

 FBFFE9

 FFFFE9

Harmonies

Analogous

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



ABB1FF



DEA3E9



FC99C4

Triad

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



DEA3E9



DBB169



00CCD3

Complementary

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



DEA3E9



AEE9A3

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.



4FCCAA



DEA3E9



B4BE6C

Square

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



DEA3E9



F7A47B



87C785



00C8F4

Rectangle

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



DEA3E9



FF98AA



87C785



15CCC6

Sweetspot

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



DEA3E9



FBE8FF



A3AFE9



7D7180



000000



808080

Same Dimension

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



DEA3E9



F1A3FF



E9A3D2



736A75



9900B5



2D0036

Inverse Universe

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



E9A3AE



FFA3B2



A3E9BA



756A6B



B5001C



360008

Previews

White Background



This preview shows how the Hex color DEA3E9 looks on a white background.

Color Contrast Check

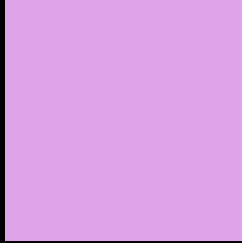
Large Text (above 18pt) WCAG AA × Fail

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 #DEA3E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

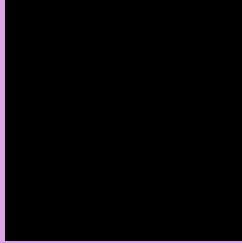
Any Text WCAG AA ✓ Pass

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 DEA3E9 Background



This preview shows how black text looks on a background with the Hex color DEA3E9.

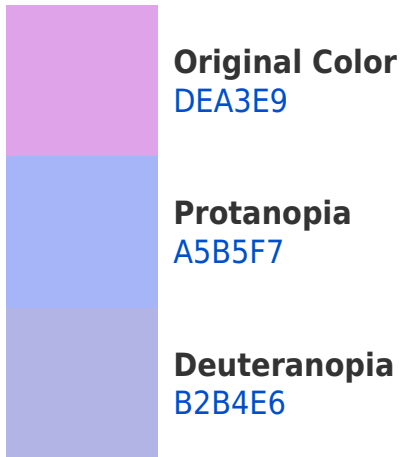


This preview shows how white text looks on a background with the Hex color DEA3E9.

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
D7ACBA

Trichromacy



Original Color
DEA3E9



Protanomaly
BAAEF2



Deuteranomaly
C2AEE7



Tritanomaly
DAA9CB

Monochromacy



Original Color
DEA3E9



Achromatopsia
BDBDBD



Achromatomaly
C9B4CD

CSS Examples

Text

The CSS property to change the color of the text to Hex DEA3E9 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 #DEA3E9 looks like.

```
.text, #text, p{  
    color:#DEA3E9  
}
```

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 #DEA3E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DEA3E9
}
```

Border

The CSS property to change the border of an element to Hex DEA3E9 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
#DEA3E9 }
```

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

```
.border{ border-color:#DEA3E9 }
```

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

Here you see how a box with a 4 pixel #DEA3E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DEA3E9; -webkit-box-shadow:4px 4px  
4px 4px #DEA3E9; box-shadow:4px 4px 4px  
4px #DEA3E9 }
```

Background

The CSS property to change the background color of an element to Hex DEA3E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DEA3E9 }
```

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

```
.background{ background-color:#DEA3E9 }
```

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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