

Converting Colors

Hex(DE8EE0)

Have a look what the booklet for
Hex(DE8EE0) contains.

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Color

Hex(DE8EE0)

Conversions

Conversions Part 1

Format	Color
Hex	DE8EE0
RGB	222, 142, 224
RGB Percent	87%, 56%, 88%
CMY	0.1294, 0.4431, 0.1216
CMYK	0.01, 0.37, 0.00, 0.12
HSL	299°, 57%, 72%
HSV	299°, 37%, 88%
XYZ	53.2517, 40.2574, 75.4848
YIQ	175.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

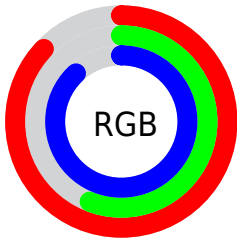
Format	Color
R _Y B	222, 142, 224
Decimal	14585568
CIE Lab	69.65, 43.00, -29.33
CIE LCh	70, 52.054, 325.701
Yxy	40.2574, 0.3151, 0.2382
Android (android.graphics.Color)	4292775648 (0xFFDE8EE0)
YUV	175.2680, 24.0249, 40.9840
Hunter-Lab	63.4487, 38.7776, -26.1230

Details

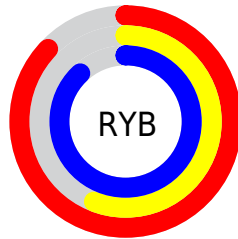
The Hex color **DE8EE0** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90E08E**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC5FF**, and **A55AA9** is the 20% darker color. If you saturate the color by 10%, you get **DD78E0**, and if you desaturate by 10%, it is **DFA4E0**.

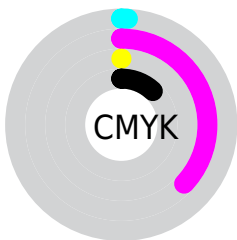
Distribution



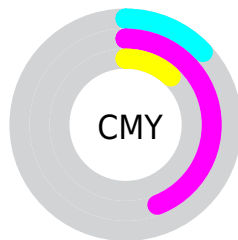
- Red (87%)
- Green (56%)
- Blue (88%)



- Red (87%)
- Yellow (56%)
- Blue (88%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (44%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE8EE0 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 DE8EE0 by changing the saturation by 10% instead.

 DE8EE0

 DE8EE0

FFFFFF

 C173C4

 FFC5FF

 A55AA9

 FFE2FF

 8A408E

 6F2774

 56095B

 3C0043

 28002D

 000117

 000000

 DE8EE0

 DE8EE0

 DD78E0

 DFA4E0

 DD61E0

 DFBBE0

 DC4BE0

 E0D1E0

 DC34E0

 E0E8E0

 DB1EE0

 E1FEE0

 DB08E0

 E1FFE0

 DB00E0

 E2FFE0

 E3FFE0

Harmonies

Analogous

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



A2A0FF



DE8EE0



FD82B3

Triad

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



DE8EE0



CCA549



00C2D2

Complementary

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



DE8EE0



90E08E

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.



00C2A2



DE8EE0



9DB451

Square

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



DE8EE0



EF945D



63BD73



00BCF7

Rectangle

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



DE8EE0



FF8393



63BD73



00C2C2

Sweetspot

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



DE8EE0



FEE3FF



8E91E0



7F6F80



000000



808080

Same Dimension

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



DE8EE0



FC8FFF



E08EBA



706570



AC00B0



2F0030

Inverse Universe

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



E08E90



FF8F92



8EE0B4



706565



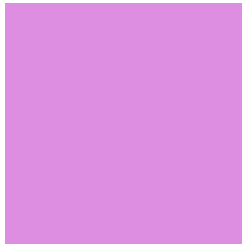
B00004



300001

Previews

White Background



This preview shows how the Hex color DE8EE0 looks on a white background.

Color Contrast Check

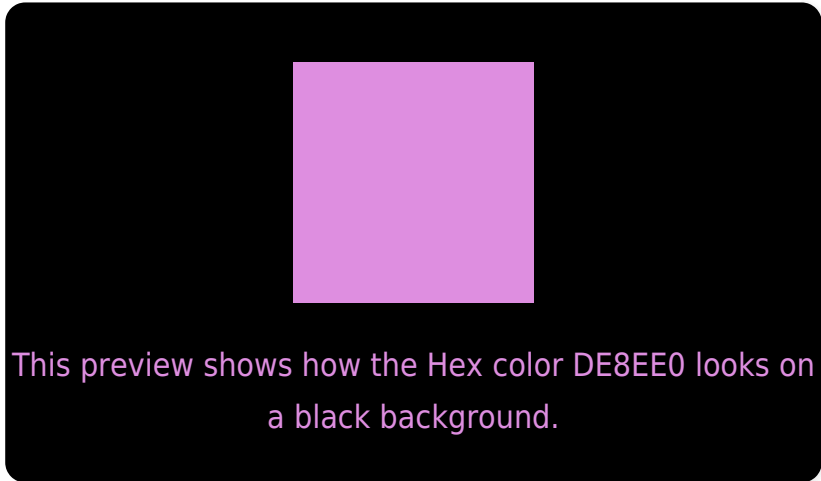
Large Text (above 18pt) WCAG AA × Fail

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

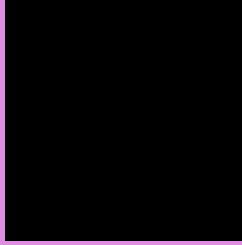
Any Text WCAG AA ✓ Pass

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 DE8EE0 Background



This preview shows how black text looks on a background with the Hex color DE8EE0.




This preview shows how white text looks on a background with the Hex color DE8EE0.

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
D69AA6

Trichromacy



Original Color
DE8EE0



Protanomaly
AE9FED



Deuteranomaly
B79EDD

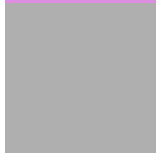


Tritanomaly
D996BB

Monochromacy



Original Color
DE8EE0



Achromatopsia
AFAFAF



Achromatomaly
C0A3C1

CSS Examples

Text

The CSS property to change the color of the text to Hex DE8EE0 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 #DE8EE0 looks like.

```
.text, #text, p{  
    color:#DE8EE0  
}
```

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 #DE8EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8EE0
}
```

Border

The CSS property to change the border of an element to Hex DE8EE0 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
#DE8EE0 }
```

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

```
.border{ border-color:#DE8EE0 }
```

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

Here you see how a box with a 4 pixel #DE8EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8EE0; -webkit-box-shadow:4px 4px  
4px 4px #DE8EE0; box-shadow:4px 4px 4px  
4px #DE8EE0 }
```

Background

The CSS property to change the background color of an element to Hex DE8EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8EE0 }
```

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

```
.background{ background-color:#DE8EE0 }
```

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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