

Converting Colors

Hex(DE8FDE)

Have a look what the booklet for
Hex(DE8FDE) contains.

Hex(DE8FDE)	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(DE8FDE)

Conversions

Conversions Part 1

Format	Color
Hex	DE8FDE
RGB	222, 143, 222
RGB Percent	87%, 56%, 87%
CMY	0.1294, 0.4392, 0.1294
CMYK	0.00, 0.36, 0.00, 0.13
HSL	300°, 54%, 72%
HSV	300°, 36%, 87%
XYZ	53.1315, 40.4484, 74.1142
YIQ	175.6270, 21.7250, 41.3170

Conversions

Conversions Part 2

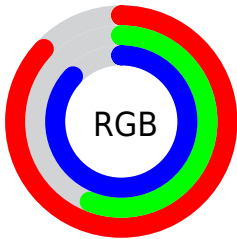
Format	Color
R _Y B	222, 143, 222
Decimal	14585822
CIE Lab	69.79, 42.11, -28.02
CIE LCh	70, 50.580, 326.358
Yxy	40.4484, 0.3168, 0.2412
Android (android.graphics.Color)	4292775902 (0xFFDE8FDE)
YUV	175.6270, 22.8619, 40.6691
Hunter-Lab	63.5991, 37.8227, -24.5733

Details

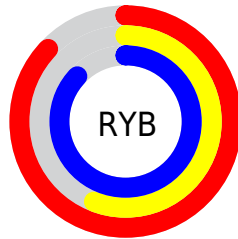
The Hex color **DE8FDE** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8FDE8F**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC6FF**, and **A55BA7** is the 20% darker color. If you saturate the color by 10%, you get **DE79DE**, and if you desaturate by 10%, it is **DEA5DE**.

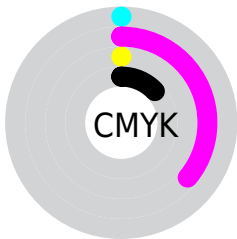
Distribution



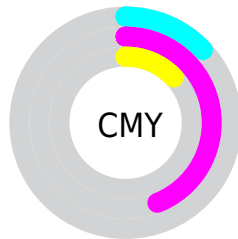
- Red (87%)
- Green (56%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color DE8FDE 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 DE8FDE by changing the saturation by 10% instead.

 DE8FDE

 DE8FDE

FFFFFF

 C174C2

 FFC6FF

 A55BA7

 FFE3FF

 8A418C

 702872

 560B5A

 3D0042

 28002C

 000115

 000000

 DE8FDE

 DE8FDE

 DE79DE

 DEA5DE

 DE63DE

 DEBBDE

 DE4CDE

 DED2DE

 DE36DE

 DEE8DE

 DE20DE

 DEFEDA

 DE0ADE

 DEFFDE

 DE00DE

Harmonies

Analogous

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



A5A1FD



DE8FDE



FC84B2

Triad

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



DE8FDE



CBA64C



00C1D2

Complementary

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



DE8FDE



8FDE8F

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.



00C1A3



DE8FDE



9DB455

Square

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



DE8FDE



ED955F



64BD76



00BCF6

Rectangle

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



DE8FDE



FF8593



64BD76



00C2C3

Sweetspot

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



DE8FDE



FFE3FF



8F8FDE



806F80



000000



808080

Same Dimension

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



DE8FDE



FF91FF



DE8FB6



706570



B000B0



300030

Inverse Universe

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



DE8FDE



FF91FF



8FDEB6



706570



B000B0



300030

Previews

White Background



This preview shows how the Hex color DE8FDE looks on a white background.

Color Contrast Check

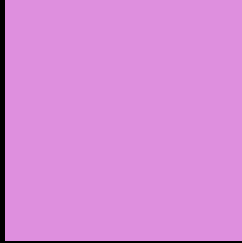
Large Text (above 18pt) WCAG AA × Fail

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 DE8FDE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

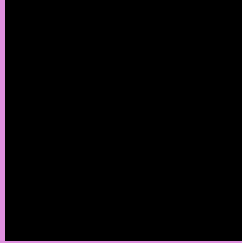
Any Text WCAG AA ✓ Pass

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 DE8FDE Background



This preview shows how black text looks on a background with the Hex color DE8FDE.



This preview shows how white text looks on a background with the Hex color DE8FDE.

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
D79AA6

Trichromacy



Original Color
DE8FDE



Protanomaly
AF9FEA



Deuteranomaly
B89FDB

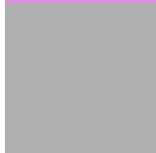


Tritanomaly
DA96BA

Monochromacy



Original Color
DE8FDE



Achromatopsia
B0B0B0



Achromatomaly
C1A4C1

CSS Examples

Text

The CSS property to change the color of the text to Hex DE8FDE 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 #DE8FDE looks like.

```
.text, #text, p{  
    color:#DE8FDE  
}
```

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 #DE8FDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE8FDE
}
```

Border

The CSS property to change the border of an element to Hex DE8FDE 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
#DE8FDE }
```

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

```
.border{ border-color:#DE8FDE }
```

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

Here you see how a box with a 4 pixel #DE8FDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE8FDE; -webkit-box-shadow:4px 4px  
4px 4px #DE8FDE; box-shadow:4px 4px 4px  
4px #DE8FDE }
```

Background

The CSS property to change the background color of an element to Hex DE8FDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE8FDE }
```

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

```
.background{ background-color:#DE8FDE }
```

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