

Converting Colors

Hex(D887E6)

Have a look what the booklet for
Hex(D887E6) contains.

Hex(D887E6)	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(D887E6)

Conversions

Conversions Part 1

Format	Color
Hex	D887E6
RGB	216, 135, 230
RGB Percent	85%, 53%, 90%
CMY	0.1529, 0.4706, 0.0980
CMYK	0.06, 0.41, 0.00, 0.10
HSL	291°, 66%, 72%
HSV	291°, 41%, 90%
XYZ	51.2658, 37.6400, 79.4262
YIQ	170.0490, 17.7810, 46.7170

Conversions

Conversions Part 2

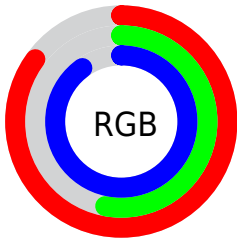
Format	Color
RYB	216, 135, 230
Decimal	14190566
CIELab	67.75, 45.99, -35.63
CIElCh	68, 58.183, 322.233
Yxy	37.6400, 0.3046, 0.2236
Android (android.graphics.Color)	4292380646 (0xFFD887E6)
YUV	170.0490, 29.5558, 40.2990
Hunter-Lab	61.3515, 41.7910, -33.8113

Details

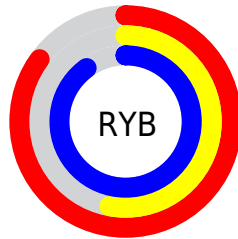
The Hex color **D887E6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **95E687**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBEFF**, and **9F53AE** is the 20% darker color. If you saturate the color by 10%, you get **D570E6**, and if you desaturate by 10%, it is **DB9EE6**.

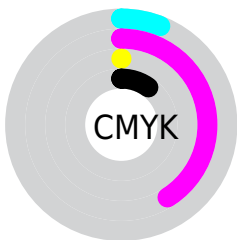
Distribution



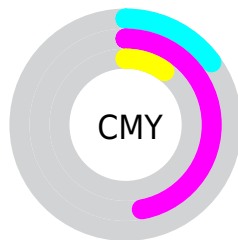
- Red (85%)
- Green (53%)
- Blue (90%)



- Red (85%)
- Yellow (53%)
- Blue (90%)



- Cyan (6%)
- Magenta (41%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (47%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color D887E6 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 D887E6 by changing the saturation by 10% instead.

 D887E6

 D887E6

FFFFFF

 BB6DCA

 FFBEFF

 9F53AE

 FFDAFF

 843993

 FFF7FF

 691E79

 4F0060

 360048

 200031

 00011B

 000000

 D887E6

 D887E6

 D570E6

 DB9EE6

 D159E6

 DFB5E6

 CE42E6

 E2CCE6

 CA2BE6

 E6E3E6

 C714E6

 E9FAE6

 C400E6

 ECFFE6

 F0FFE6

 F3FFE6

 F7FFE6

Harmonies

Analogous

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



909DFF



D887E6



FE77B5

Triad

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



D887E6



CE9E37



00BFCB

Complementary

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



D887E6



95E687

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.



00BE95



D887E6



9CAE3D

Square

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



D887E6



F38953



5BB962



00BAF7

Rectangle

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



D887E6



FF7692



5BB962



00BFBA

Sweetspot

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



D887E6



FAE0FF



8795E6



7D6E80



000000



808080

Same Dimension

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



D887E6



EC80FF



E687C5



716773



9800B3



2B0033

Inverse Universe

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



E68795



FF8092



87E6A8



736769



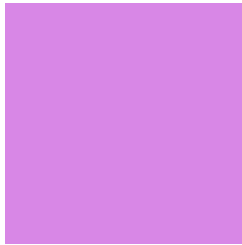
B3001A



330008

Previews

White Background



This preview shows how the Hex color D887E6 looks on a white background.

Color Contrast Check

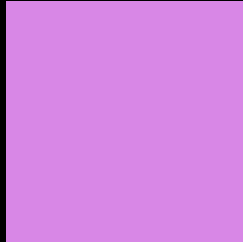
Large Text (above 18pt) WCAG AA × Fail

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 D887E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

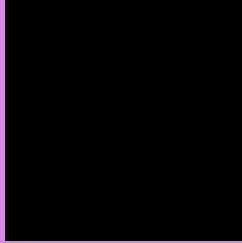
Any Text WCAG AA ✓ Pass

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 D887E6 Background



This preview shows how black text looks on a background with the Hex color D887E6.



This preview shows how white text looks on a background with the Hex color D887E6.

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
CF96A1

Trichromacy



Original Color
D887E6



Protanomaly
A498F4



Deuteranomaly
AD99E3

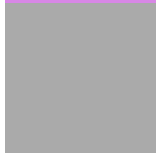


Tritanomaly
D291BA

Monochromacy



Original Color
D887E6



Achromatopsia
AAAAAA



Achromatomaly
BB9DC0

CSS Examples

Text

The CSS property to change the color of the text to Hex D887E6 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 #D887E6 looks like.

```
.text, #text, p{  
    color:#D887E6  
}
```

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 #D887E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D887E6
}
```

Border

The CSS property to change the border of an element to Hex D887E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

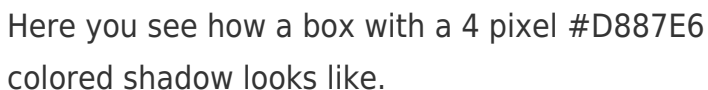
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D887E6 }
```

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

```
.border{ border-color:#D887E6 }
```

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



Here you see how a box with a 4 pixel #D887E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D887E6; -webkit-box-shadow:4px 4px  
4px 4px #D887E6; box-shadow:4px 4px 4px  
4px #D887E6 }
```

Background

The CSS property to change the background color of an element to Hex D887E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D887E6 }
```

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

```
.background{ background-color:#D887E6 }
```

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