

Converting Colors

Hex(DE87B6)

Have a look what the booklet for
Hex(DE87B6) contains.

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Color

Hex(DE87B6)

Conversions

Conversions Part 1

Format	Color
Hex	DE87B6
RGB	222, 135, 182
RGB Percent	87%, 53%, 71%
CMY	0.1294, 0.4706, 0.2863
CMYK	0.00, 0.39, 0.18, 0.13
HSL	328°, 57%, 70%
HSV	328°, 39%, 87%
XYZ	47.2317, 36.2349, 48.7606
YIQ	166.3710, 36.7650, 33.0610

Conversions

Conversions Part 2

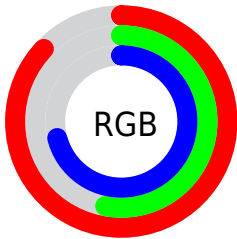
Format	Color
R _Y B	222, 135, 182
Decimal	14583734
CIE Lab	66.70, 39.57, -10.43
CIE LCh	67, 40.926, 345.235
Yxy	36.2349, 0.3572, 0.2740
Android (android.graphics.Color)	4292773814 (0xFFDE87B6)
YUV	166.3710, 7.7051, 48.7866
Hunter-Lab	60.1955, 34.7159, -5.8903

Details

The Hex color **DE87B6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **87DEAF**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFBEEE**, and **A55381** is the 20% darker color. If you saturate the color by 10%, you get **DE71AC**, and if you desaturate by 10%, it is **DE9DC0**.

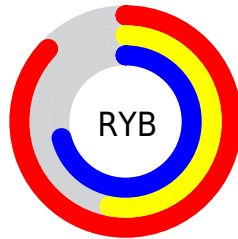
Distribution



Red (87%)

Green (53%)

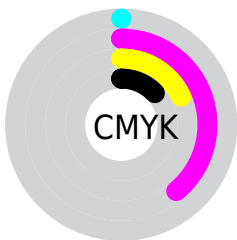
Blue (71%)



Red (87%)

Yellow (53%)

Blue (71%)

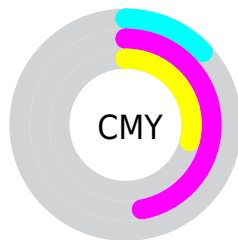


Cyan (0%)

Magenta (39%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color DE87B6 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 DE87B6 by changing the saturation by 10% instead.

 DE87B6

 DE87B6

FFFFFF

 C16D9B

 FFBEEE

 A55381

 FFD AFF

 8A3A68

 FFF7FF

 6F2050

 550139

 3B0023

 25000C

 000000

 DE87B6

 DE87B6

 DE71AC

 DE9DC0

 DE5BA2

 DEB3CA

 DE4497

 DECAD5

 DE2E8D

 DEE0DF

 DE1883

 DEF6E9

 DE0279

 DEFFF3

 DE0078

 DEFFFD

 DEFFFF

Harmonies

Analogous

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



BE92D6



DE87B6



E98591

Triad

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



DE87B6



A7A65A



00B3D5

Complementary

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



DE87B6



87DEAF

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.



00B6B4



DE87B6



7EAF6D

Square

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



DE87B6



C99A5B



4BB48E



42ABE9

Rectangle

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



DE87B6



E68A7A



4BB48E



00B4CC

Sweetspot

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



DE87B6



FFE0F1



AE87DE



806E77



000000



808080

Same Dimension

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



DE87B6



FF87C8



DE878B



70656B



B0005F



30001A

Inverse Universe

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



DE87B6



FF87C8



87DEDA



70656B



B0005F



30001A

Previews

White Background



This preview shows how the Hex color DE87B6 looks on a white background.

Color Contrast Check

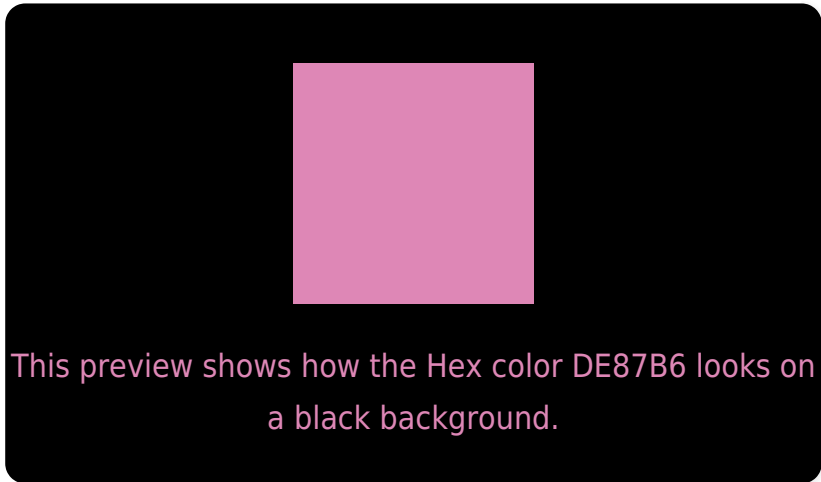
Large Text (above 18pt) WCAG AA × Fail

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 DE87B6 Background



This preview shows how black text looks on a background with the Hex color DE87B6.



This preview shows how white text looks on a background with the Hex color DE87B6.

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
DB8D97

Trichromacy



Original Color
DE87B6



Protanomaly
B398C1



Deuteranomaly
BE96B3

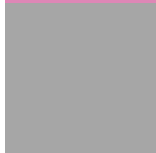


Tritanomaly
DC8BA2

Monochromacy



Original Color
DE87B6



Achromatopsia
A6A6A6



Achromatomaly
BA9BAC

CSS Examples

Text

The CSS property to change the color of the text to Hex DE87B6 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 #DE87B6 looks like.

```
.text, #text, p{  
    color:#DE87B6  
}
```

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 #DE87B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE87B6
}
```

Border

The CSS property to change the border of an element to Hex DE87B6 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
#DE87B6 }
```

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

```
.border{ border-color:#DE87B6 }
```

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

Here you see how a box with a 4 pixel #DE87B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE87B6; -webkit-box-shadow:4px 4px  
4px 4px #DE87B6; box-shadow:4px 4px 4px  
4px #DE87B6 }
```

Background

The CSS property to change the background color of an element to Hex DE87B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE87B6 }
```

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

```
.background{ background-color:#DE87B6 }
```

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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