

Converting Colors

Hex(E087DC)

Have a look what the booklet for
Hex(E087DC) contains.

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Color

Hex(E087DC)

Conversions

Conversions Part 1

Format	Color
Hex	E087DC
RGB	224, 135, 220
RGB Percent	88%, 53%, 86%
CMY	0.1216, 0.4706, 0.1373
CMYK	0.00, 0.40, 0.02, 0.12
HSL	303°, 59%, 70%
HSV	303°, 40%, 88%
XYZ	52.3227, 38.3425, 72.3533
YIQ	171.3010, 25.7590, 45.3030

Conversions

Conversions Part 2

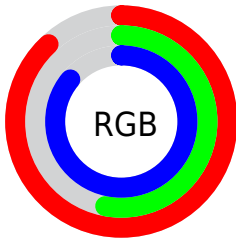
Format	Color
RYB	224, 135, 220
Decimal	14714844
CIELab	68.27, 46.54, -29.23
CIELCh	68, 54.958, 327.869
Yxy	38.3425, 0.3210, 0.2352
Android (android.graphics.Color)	4292904924 (0xFFE087DC)
YUV	171.3010, 24.0086, 46.2170
Hunter-Lab	61.9214, 42.4677, -25.9337

Details

The Hex color **E087DC** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87E08B**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFBEFF**, and **A752A5** is the 20% darker color. If you saturate the color by 10%, you get **E071DB**, and if you desaturate by 10%, it is **E09DDD**.

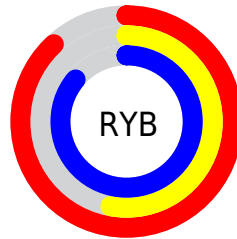
Distribution



Red (88%)

Green (53%)

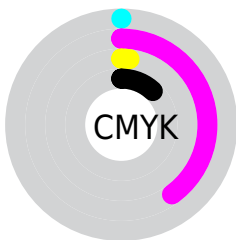
Blue (86%)



Red (88%)

Yellow (53%)

Blue (86%)

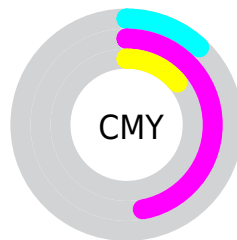


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (47%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E087DC 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 E087DC by changing the saturation by 10% instead.

 E087DC

 E087DC

FFFFFF

 C36CC0


 FFBEFF

 A752A5

 FFDAFF

 8C388A

 FFF7FF

 711D70

 570058

 3D0040

 27002A

 000113

 000000

 E087DC

 E087DC

 E071DB

 E09DDD

 E05ADA

 E0B4DE

 E044D9

 E0CADF

 E02DD8

 E0E1E0

 E017D7

 E0F7E1

 E001D6

 E0FFE2

 E000D6

 E0FFE3

 E0FFE4

 E0FFE5

Harmonies

Analogous

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



A39BFE



E087DC



FE7BAC

Triad

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



E087DC



C6A33E



00BED3

Complementary

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



E087DC



87E08B

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.



00BFA1



E087DC



94B14A

Square

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



E087DC



EC9053



53BB6F



00B9FA

Rectangle

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



E087DC



FF7C8B



53BB6F



00BFC3

Sweetspot

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



E087DC



FFE0FE



8A87E0



806E7F



000000



808080

Same Dimension

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



E087DC



FF85F9



E087B1



706570



B000A8



30002E

Inverse Universe

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



E087DC



FF85F9



87E0B6



706570



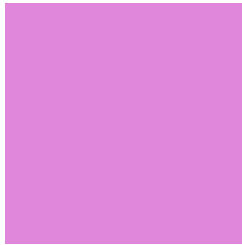
B000A8



30002E

Previews

White Background



This preview shows how the Hex color E087DC looks on a white background.

Color Contrast Check

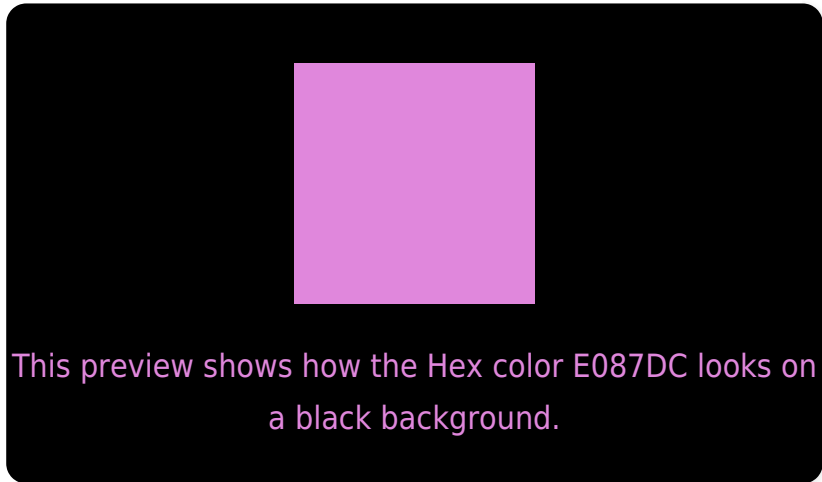
Large Text (above 18pt) WCAG AA × Fail

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

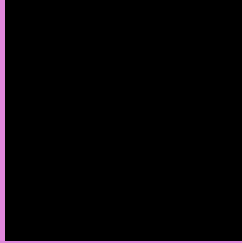
Any Text WCAG AA ✓ Pass

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 E087DC Background



This preview shows how black text looks on a background with the Hex color E087DC.

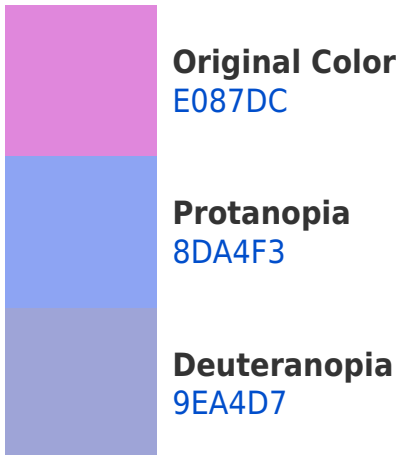



This preview shows how white text looks on a background with the Hex color E087DC.

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
D8949F

Trichromacy



Original Color
E087DC



Protanomaly
AB99EB



Deuteranomaly
B699D9



Tritanomaly
DB8FB5

Monochromacy



Original Color
E087DC



Achromatopsia
ABABAB



Achromatomaly
BE9EBD

CSS Examples

Text

The CSS property to change the color of the text to Hex E087DC 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 #E087DC looks like.

```
.text, #text, p{  
    color:#E087DC  
}
```

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 #E087DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E087DC
}
```

Border

The CSS property to change the border of an element to Hex E087DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

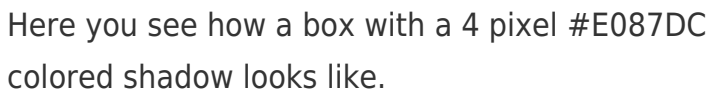
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E087DC }
```

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

```
.border{ border-color:#E087DC }
```

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



Here you see how a box with a 4 pixel #E087DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E087DC; -webkit-box-shadow:4px 4px  
4px 4px #E087DC; box-shadow:4px 4px 4px  
4px #E087DC }
```

Background

The CSS property to change the background color of an element to Hex E087DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E087DC }
```

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

```
.background{ background-color:#E087DC }
```

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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