

Converting Colors

Hex(E087D9)

Have a look what the booklet for
Hex(E087D9) contains.

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Color

Hex(E087D9)

Conversions

Conversions Part 1

Format	Color
Hex	E087D9
RGB	224, 135, 217
RGB Percent	88%, 53%, 85%
CMY	0.1216, 0.4706, 0.1490
CMYK	0.00, 0.40, 0.03, 0.12
HSL	305°, 59%, 70%
HSV	305°, 40%, 88%
XYZ	51.9288, 38.1850, 70.2791
YIQ	170.9590, 26.7220, 44.3700

Conversions

Conversions Part 2

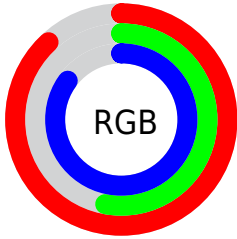
Format	Color
RYB	224, 135, 217
Decimal	14714841
CIELab	68.16, 46.01, -27.75
CIELCh	68, 53.726, 328.908
Yxy	38.1850, 0.3238, 0.2381
Android (android.graphics.Color)	4292904921 (0xFFE087D9)
YUV	170.9590, 22.6982, 46.5170
Hunter-Lab	61.7940, 41.8636, -24.1755

Details

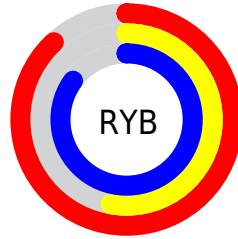
The Hex color **E087D9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87E08E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFBEFF**, and **A752A2** is the 20% darker color. If you saturate the color by 10%, you get **E071D7**, and if you desaturate by 10%, it is **E09DDB**.

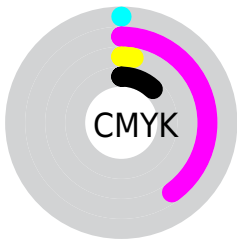
Distribution



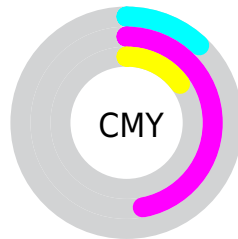
- Red (88%)
- Green (53%)
- Blue (85%)



- Red (88%)
- Yellow (53%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (12%)



- Cyan (12%)
- Magenta (47%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E087D9 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 E087D9 by changing the saturation by 10% instead.

 E087D9

 E087D9

FFFFFF

 C36CBD


 FFBEFF

 A752A2

 FFDAFF

 8C3887

 FFF7FF

 711D6E

 570055

 3D003E

 270028

 000111

 000000

 E087D9

 E087D9

 E071D7

 E09DDB

 E05AD5

 E0B4DD

 E044D4

 E0CADE

 E02DD2

 E0E1E0

 E017D0

 E0F7E2

 E001CE

 E0FFE4

 E000CE

 E0FFE5

 E0FFE7

 E0FFE9

Harmonies

Analogous

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



A69AFB



E087D9



FD7CAA

Triad

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



E087D9



C3A341



00BED4

Complementary

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



E087D9



87E08E

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.



00BEA3



E087D9



93B14D

Square

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



E087D9



E99153



53BA72



00B8F8

Rectangle

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



E087D9



FF7E89



53BA72



00BEC4

Sweetspot

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



E087D9



FFE0FD



8D87E0



806E7E



000000



808080

Same Dimension

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



E087D9



FF85F5



E087AE



70656F



B000A2



30002D

Inverse Universe

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



E087D9



FF85F5



87E0B9



70656F



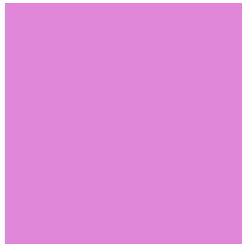
B000A2



30002D

Previews

White Background



This preview shows how the Hex color E087D9 looks on a white background.

Color Contrast Check

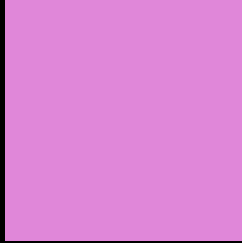
Large Text (above 18pt) WCAG AA × Fail

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 E087D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

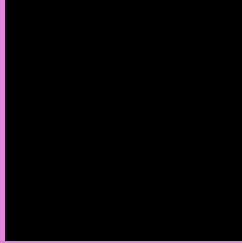
Any Text WCAG AA ✓ Pass

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 E087D9 Background



This preview shows how black text looks on a background with the Hex color E087D9.

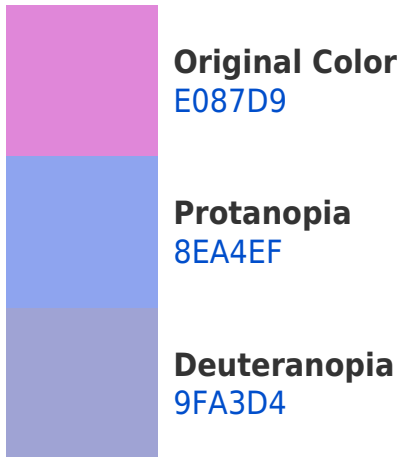



This preview shows how white text looks on a background with the Hex color E087D9.

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
D9939E

Trichromacy



Original Color
E087D9



Protanomaly
AC99E7



Deuteranomaly
B799D6

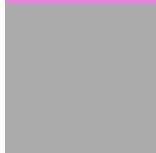


Tritanomaly
DC8FB3

Monochromacy



Original Color
E087D9



Achromatopsia
ABABAB



Achromatomaly
BE9EBC

CSS Examples

Text

The CSS property to change the color of the text to Hex E087D9 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 #E087D9 looks like.

```
.text, #text, p{  
    color:#E087D9  
}
```

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 #E087D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E087D9
}
```

Border

The CSS property to change the border of an element to Hex E087D9 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
#E087D9 }
```

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

```
.border{ border-color:#E087D9 }
```

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

Here you see how a box with a 4 pixel #E087D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E087D9; -webkit-box-shadow:4px 4px  
4px 4px #E087D9; box-shadow:4px 4px 4px  
4px #E087D9 }
```

Background

The CSS property to change the background color of an element to Hex E087D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E087D9 }
```

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

```
.background{ background-color:#E087D9 }
```

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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