

Converting Colors

Hex(E817DB)

Have a look what the booklet for
Hex(E817DB) contains.

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Color

Hex(E817DB)

Conversions

Conversions Part 1

Format	Color
Hex	E817DB
RGB	232, 23, 219
RGB Percent	91%, 9%, 86%
CMY	0.0902, 0.9098, 0.1412
CMYK	0.00, 0.90, 0.06, 0.09
HSL	304°, 82%, 50%
HSV	304°, 90%, 91%
XYZ	46.3713, 22.8831, 68.9907
YIQ	107.8350, 61.6480, 105.2640

Conversions

Conversions Part 2

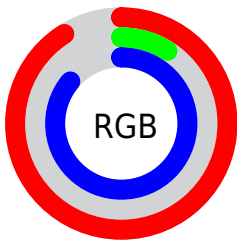
Format	Color
R _{YB}	232, 23, 219
Decimal	15210459
CIE _{Lab}	54.95, 87.79, -49.45
CIE _{LCh}	55, 100.759, 330.609
Yxy	22.8831, 0.3354, 0.1655
Android (android.graphics.Color)	4293400539 (0xFFE817DB)
YUV	107.8350, 54.8043, 108.8927
Hunter-Lab	47.8363, 89.3201, -52.0242

Details

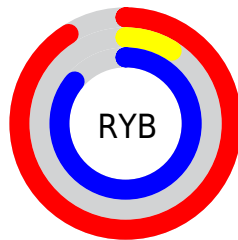
The Hex color **E817DB** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **17E824**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF69FF**, and **AC00A3** is the 20% darker color. If you saturate the color by 10%, you get **E800DA**, and if you desaturate by 10%, it is **E82EDC**.

Distribution



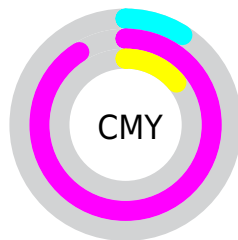
- Red (91%)
- Green (9%)
- Blue (86%)



- Red (91%)
- Yellow (9%)
- Blue (86%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color E817DB 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 E817DB by changing the saturation by 10% instead.

 E817DB

 E817DB

FFFFFF

 CA00BF


 FF69FF

 AC00A3

 FF88FF

 8E0088

 FFA7FF

 71006E

 FFC5FF

 540055

 FFE4FF

 38003D

 180026

 00010F

 000000

 E817DB

 E817DB

 E800DA

 E82EDC

 E845DE

 E85DDF

 E874E1

 E88BE2

 E8A2E4

 E8B9E5

 E8D1E7

 E8E8E8

Harmonies

Analogous

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



6C6AFF



E817DB



FF0086

Triad

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



E817DB



9F8100



00A6DB

Complementary

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



E817DB



17E824

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.



00A583



E817DB



409700

Square

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



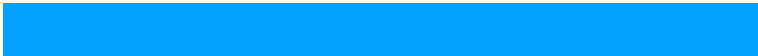
E817DB



E15900



00A11F



00A1FF

Rectangle

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



E817DB



FF004D



00A11F



00A6BF

Sweetspot

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



E817DB



FFBAFB



2117E8



80577D



000000



808080

Same Dimension

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



E817DB



FF00EF



E81775



736772



B300A7



330030

Inverse Universe

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



E817DB



FF00EF



17E88A



736772



B300A7



330030

Previews

White Background



This preview shows how the Hex color E817DB looks on a white background.

Color Contrast Check

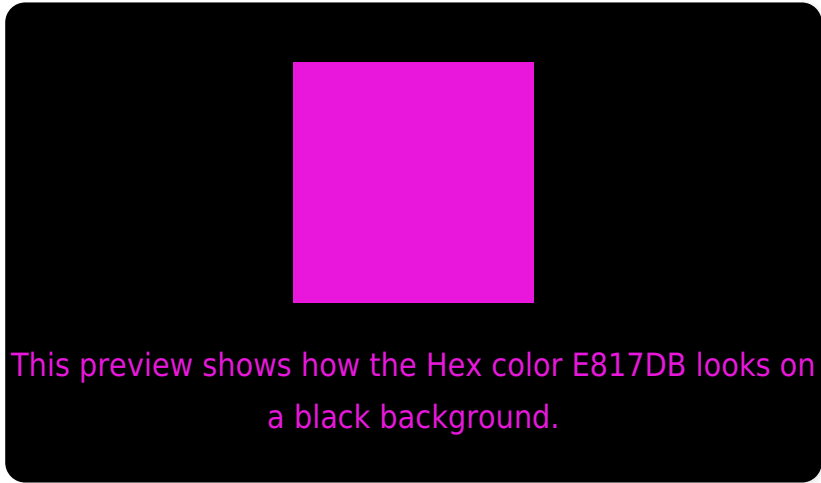
Large Text (above 18pt) WCAG AA ✓ Pass

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

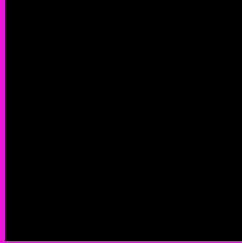
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E817DB Background



This preview shows how black text looks on a background with the Hex color E817DB.

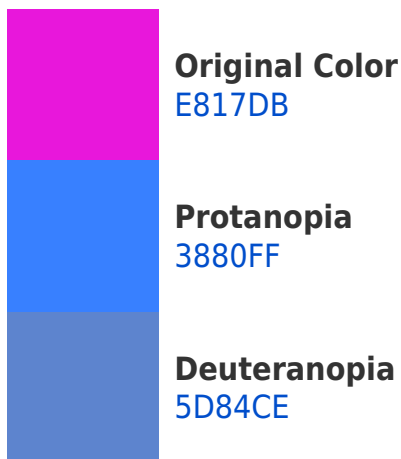


This preview shows how white text looks on a background with the Hex color E817DB.

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



Trichromacy



Original Color
E817DB



Protanomaly
785AF2



Deuteranomaly
905CD3



Tritanomaly
E0408B

Monochromacy



Original Color
E817DB



Achromatopsia
6C6C6C



Achromatomaly
994D94

CSS Examples

Text

The CSS property to change the color of the text to Hex E817DB 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 #E817DB looks like.

```
.text, #text, p{  
    color:#E817DB  
}
```

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 #E817DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E817DB
}
```

Border

The CSS property to change the border of an element to Hex E817DB is called "border". The border property can be set on classes, ids or directly on the HTML element.

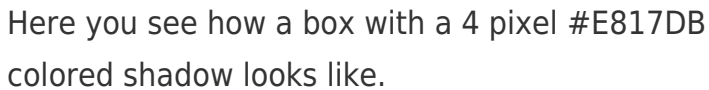
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E817DB }
```

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

```
.border{ border-color:#E817DB }
```

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



Here you see how a box with a 4 pixel #E817DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E817DB; -webkit-box-shadow:4px 4px  
4px 4px #E817DB; box-shadow:4px 4px 4px  
4px #E817DB }
```

Background

The CSS property to change the background color of an element to Hex E817DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E817DB }
```

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

```
.background{ background-color:#E817DB }
```

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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