

Converting Colors

Hex(EB81DD)

Have a look what the booklet for
Hex(EB81DD) contains.

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Color

Hex(EB81DD)

Conversions

Conversions Part 1

Format	Color
Hex	EB81DD
RGB	235, 129, 221
RGB Percent	92%, 51%, 87%
CMY	0.0784, 0.4941, 0.1333
CMYK	0.00, 0.45, 0.06, 0.08
HSL	308°, 73%, 71%
HSV	308°, 45%, 92%
XYZ	55.1624, 38.5831, 72.9465
YIQ	171.1820, 33.6440, 51.0840

Conversions

Conversions Part 2

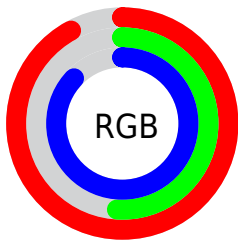
Format	Color
R _{YB}	235, 129, 221
Decimal	15434205
CIE Lab	68.45, 53.07, -29.40
CIE LCh	68, 60.666, 331.010
Yxy	38.5831, 0.3309, 0.2315
Android (android.graphics.Color)	4293624285 (0xFFEB81DD)
YUV	171.1820, 24.5603, 55.9684
Hunter-Lab	62.1153, 49.8175, -26.1478

Details

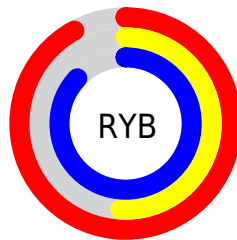
The Hex color **EB81DD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81EB8F**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB8FF**, and **B14BA6** is the 20% darker color. If you saturate the color by 10%, you get **EB6ADA**, and if you desaturate by 10%, it is **EB99E0**.

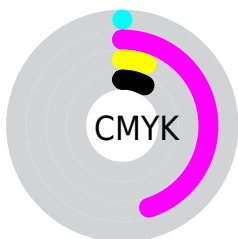
Distribution



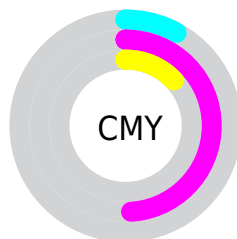
- Red (92%)
- Green (51%)
- Blue (87%)



- Red (92%)
- Yellow (51%)
- Blue (87%)



- Cyan (0%)
- Magenta (45%)
- Yellow (6%)
- Black (8%)



- Cyan (8%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB81DD 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 EB81DD by changing the saturation by 10% instead.

 EB81DD

 EB81DD

FFFFFF

 CE66C1

 FFB8FF

 B14BA6

 FFD5FF

 95308B

 FFF2FF

 7A0E71

 5F0059

 450041

 2E002B

 000014

 000000

 EB81DD

 EB81DD

 EB6ADA

 EB99E0

 EB52D7

 EBB0E3

 EB3AD4

 EBC8E6

 EB23D1

 EBDFE9

 EB0CCD

 EBF7ED

 EB00CC

 EBFFF0

 EBFFF3

 EBFFF6

 EBFFF9

Harmonies

Analogous

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



AB98FF



EB81DD



FF75A7

Triad

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



EB81DD



C3A530



00C1DE

Complementary

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



EB81DD



81EB8F

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.



00C1A7



EB81DD



8BB442

Square

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



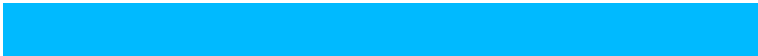
EB81DD



EE9046



39BD6F



00BAFF

Rectangle

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



EB81DD



FF7883



39BD6F



00C1CD

Sweetspot

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



EB81DD



FFDBFA



8D81EB



806A7D



000000



808080

Same Dimension

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



EB81DD



FF75ED



EB81AA



756A74



B5009D



36002E

Inverse Universe

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



EB81DD



FF75ED



81EBC2



756A74



B5009D



36002E

Previews

White Background



This preview shows how the Hex color EB81DD looks on a white background.

Color Contrast Check

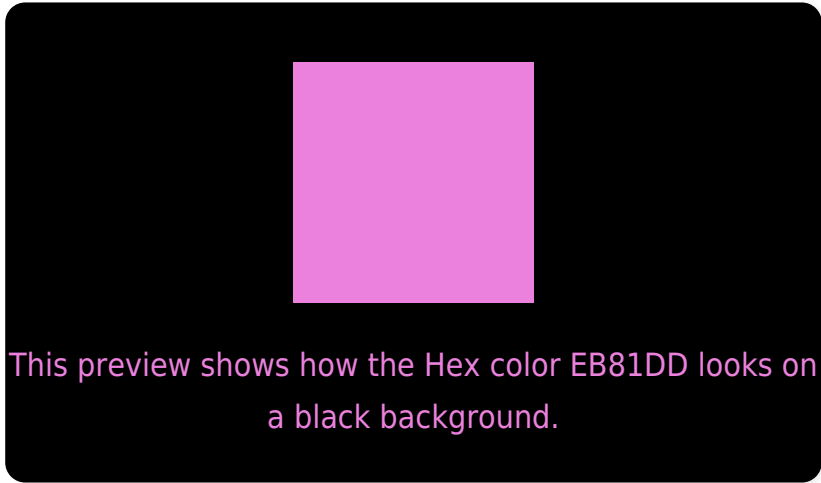
Large Text (above 18pt) WCAG AA × Fail

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 EB81DD Background



This preview shows how black text looks on a background with the Hex color EB81DD.

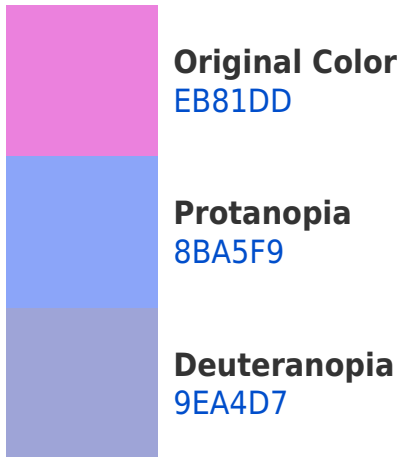


This preview shows how white text looks on a background with the Hex color EB81DD.

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
E3909A

Trichromacy



Original Color
EB81DD



Protanomaly
AE98EF



Deuteranomaly
BA97D9



Tritanomaly
E68BB2

Monochromacy



Original Color
EB81DD



Achromatopsia
ABABAB



Achromatomaly
C29CBD

CSS Examples

Text

The CSS property to change the color of the text to Hex EB81DD 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 #EB81DD looks like.

```
.text, #text, p{  
    color:#EB81DD  
}
```

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 #EB81DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB81DD
}
```

Border

The CSS property to change the border of an element to Hex EB81DD 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
#EB81DD }
```

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

```
.border{ border-color:#EB81DD }
```

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

Here you see how a box with a 4 pixel #EB81DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB81DD; -webkit-box-shadow:4px 4px  
4px 4px #EB81DD; box-shadow:4px 4px 4px  
4px #EB81DD }
```

Background

The CSS property to change the background color of an element to Hex EB81DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB81DD }
```

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

```
.background{ background-color:#EB81DD }
```

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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