

Converting Colors

Hex(E486DD)

Have a look what the booklet for
Hex(E486DD) contains.

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Color

Hex(E486DD)

Conversions

Conversions Part 1

Format	Color
Hex	E486DD
RGB	228, 134, 221
RGB Percent	89%, 53%, 87%
CMY	0.1059, 0.4745, 0.1333
CMYK	0.00, 0.41, 0.03, 0.11
HSL	304°, 64%, 71%
HSV	304°, 41%, 89%
XYZ	53.5712, 38.7646, 73.0654
YIQ	172.0240, 28.0970, 46.9850

Conversions

Conversions Part 2

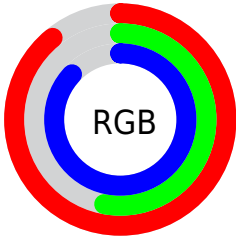
Format	Color
R _Y B	228, 134, 221
Decimal	14976733
CIE Lab	68.58, 48.45, -29.27
CIE LCh	69, 56.601, 328.861
Yxy	38.7646, 0.3239, 0.2344
Android (android.graphics.Color)	4293166813 (0xFFE486DD)
YUV	172.0240, 24.1452, 49.0910
Hunter-Lab	62.2613, 44.6287, -25.9957

Details

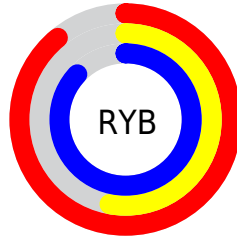
The Hex color **E486DD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86E48D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDFF**, and **AB51A6** is the 20% darker color. If you saturate the color by 10%, you get **E46FDB**, and if you desaturate by 10%, it is **E49DDF**.

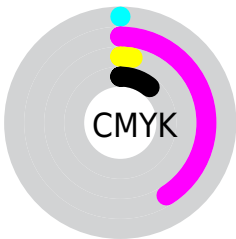
Distribution



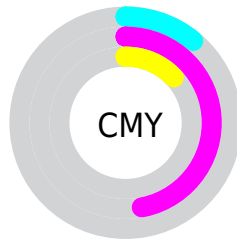
- Red (89%)
- Green (53%)
- Blue (87%)



- Red (89%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E486DD 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 E486DD by changing the saturation by 10% instead.

 E486DD

 E486DD

FFFFFF

 C76BC1

 FFBDFD

 AB51A6

 FFDADF

 8F378B

 FFF7FF

 741A71

 5A0059

 400041

 2A002B

 000114

 000000

 E486DD

 E486DD

 E46FDB

 E49DDF

 E458DA

 E4B4E0

 E442D8

 E4CAE2

 E42BD6

 E4E1E4

 E414D5

 E4F8E5

 E400D3

 E4FFE7

 E4FFE9

 E4FFEB

 E4FFEC

Harmonies

Analogous

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



A69BFF



E486DD



FF7AAB

Triad

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



E486DD



C5A43B



00C0D7

Complementary

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



E486DD



86E48D

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.



00C0A4



E486DD



92B348

Square

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



E486DD



ED9150



4DBC70



00BAFE

Rectangle

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



E486DD



FF7C89



4DBC70



00C1C7

Sweetspot

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



E486DD



FFE0FD



8C86E4



806E7E



000000



808080

Same Dimension

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



E486DD



FF82F6



E486AF



736772



B300A5



33002F

Inverse Universe

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



E486DD



FF82F6



86E4BB



736772



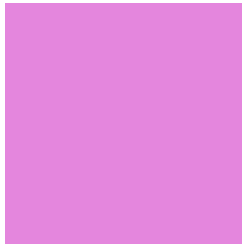
B300A5



33002F

Previews

White Background



This preview shows how the Hex color E486DD looks on a white background.

Color Contrast Check

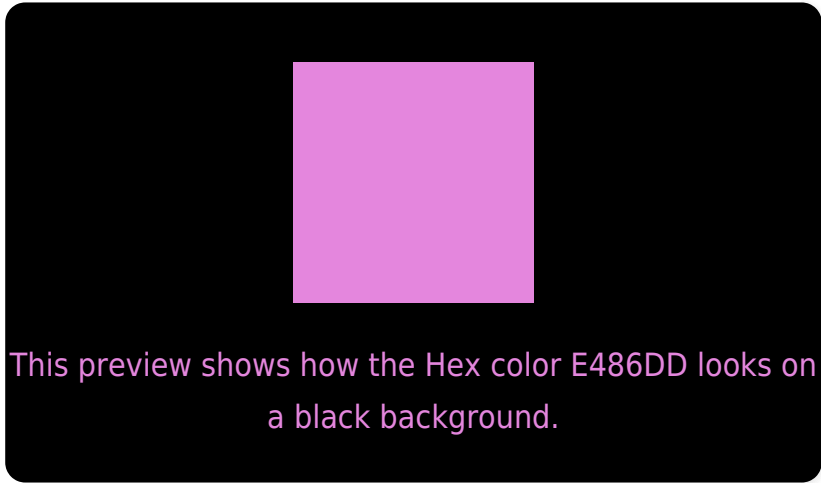
Large Text (above 18pt) WCAG AA × Fail

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

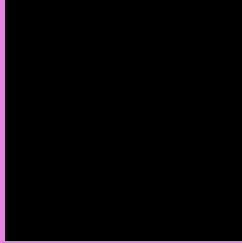
Any Text WCAG AA ✓ Pass

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 E486DD Background



This preview shows how black text looks on a background with the Hex color E486DD.

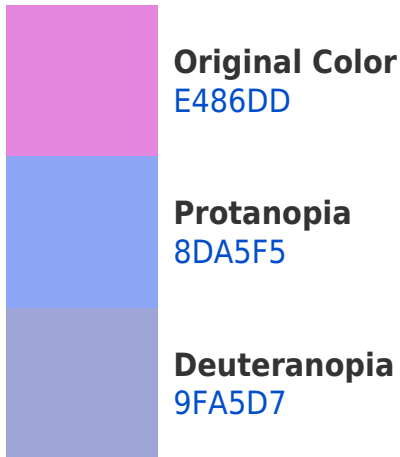



This preview shows how white text looks on a background with the Hex color E486DD.

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
DC939E

Trichromacy



Original Color
E486DD



Protanomaly
AD9AEC



Deuteranomaly
B89AD9

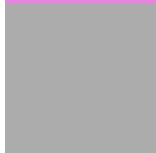


Tritanomaly
DF8EB5

Monochromacy



Original Color
E486DD



Achromatopsia
ACACAC



Achromatomaly
C09EBE

CSS Examples

Text

The CSS property to change the color of the text to Hex E486DD 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 #E486DD looks like.

```
.text, #text, p{  
    color:#E486DD  
}
```

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 #E486DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E486DD
}
```

Border

The CSS property to change the border of an element to Hex E486DD 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
#E486DD }
```

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

```
.border{ border-color:#E486DD }
```

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

Here you see how a box with a 4 pixel #E486DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E486DD; -webkit-box-shadow:4px 4px  
4px 4px #E486DD; box-shadow:4px 4px 4px  
4px #E486DD }
```

Background

The CSS property to change the background color of an element to Hex E486DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E486DD }
```

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

```
.background{ background-color:#E486DD }
```

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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