

Converting Colors

Hex(E586DD)

Have a look what the booklet for
Hex(E586DD) contains.

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Color

Hex(E586DD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E586DD |
| RGB | 229, 134, 221 |
| RGB Percent | 90%, 53%, 87% |
| CMY | 0.1020, 0.4745, 0.1333 |
| CMYK | 0.00, 0.41, 0.03, 0.10 |
| HSL | 305°, 65%, 71% |
| HSV | 305°, 41%, 90% |
| XYZ | 53.8893, 38.9287, 73.0803 |
| YIQ | 172.3230, 28.6930, 47.1970 |

Conversions

Conversions Part 2

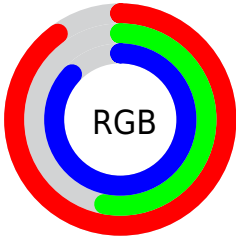
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 229, 134, 221 |
| Decimal | 15042269 |
| CIE Lab | 68.70, 48.75, -29.08 |
| CIE LCh | 69, 56.761, 329.186 |
| Yxy | 38.9287, 0.3248, 0.2347 |
| Android (android.graphics.Color) | 4293232349 (0xFFE586DD) |
| YUV | 172.3230, 23.9978, 49.7057 |
| Hunter-Lab | 62.3928, 44.9848, -25.7710 |

Details

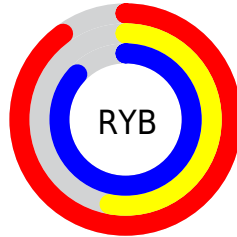
The Hex color **E586DD** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **86E58E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFBDFD**, and **AC51A6** is the 20% darker color. If you saturate the color by 10%, you get **E56FDB**, and if you desaturate by 10%, it is **E59DDF**.

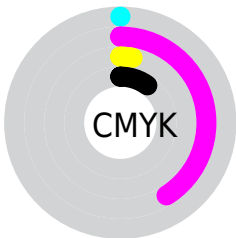
Distribution



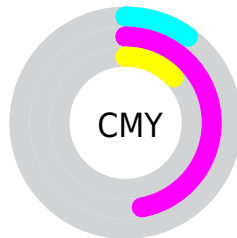
- Red (90%)
- Green (53%)
- Blue (87%)



- Red (90%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E586DD 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 E586DD by changing the saturation by 10% instead.

 E586DD

 E586DD

FFFFFF

 C86BC1

 FFBDFD

 AC51A6

 FFDADF

 90378B

 FFF7FF

 751A71

 5A0059

 410041

 2B002B

 000114

 000000

 E586DD

 E586DD

 E56FDB

 E59DDF

 E558D9

 E5B4E1

 E541D7

 E5CBE3

 E52AD5

 E5E2E5

 E514D3

 E5F9E7

 E500D2

 E5FFE9

 E5FFEA

 E5FFEC

 E5FFEE

Harmonies

Analogous

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



A79BFF



E586DD



FF7AAB

Triad

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



E586DD



C5A43B



00C0D8

Complementary

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



E586DD



86E58E

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.



00C1A4



E586DD



92B349

Square

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



E586DD



ED914F



4CBD71



00BAFF

Rectangle

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



E586DD



FF7C89



4CBD71



00C1C8

Sweetspot

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



E586DD



FFE0FC



8E86E5



806E7E



000000



808080

Same Dimension

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



E586DD



FF80F4



E586AE



736772



B300A3



33002F

Inverse Universe

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



E586DD



FF80F4



86E5BD



736772



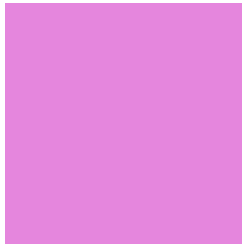
B300A3



33002F

Previews

White Background



This preview shows how the Hex color E586DD looks on a white background.

Color Contrast Check

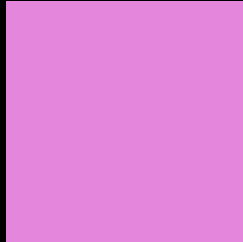
Large Text (above 18pt) WCAG AA × Fail

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 E586DD 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 E586DD Background



This preview shows how black text looks on a background with the Hex color E586DD.

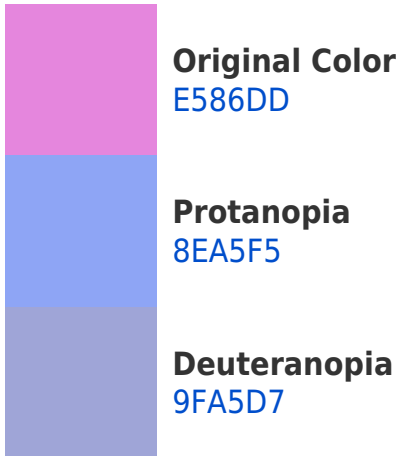



This preview shows how white text looks on a background with the Hex color E586DD.

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
DD939E

Trichromacy



Original Color
E586DD



Protanomaly
AE9AEC



Deuteranomaly
B89AD9



Tritanomaly
E08EB5

Monochromacy



Original Color
E586DD



Achromatopsia
ACACAC



Achromatomaly
C19EBE

CSS Examples

Text

The CSS property to change the color of the text to Hex E586DD 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 #E586DD looks like.

```
.text, #text, p{  
  color:#E586DD  
}
```

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 #E586DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E586DD
}
```

Border

The CSS property to change the border of an element to Hex E586DD 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
#E586DD }
```

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

```
.border{ border-color:#E586DD }
```

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

Here you see how a box with a 4 pixel #E586DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E586DD; -webkit-box-shadow:4px 4px  
4px 4px #E586DD; box-shadow:4px 4px 4px  
4px #E586DD }
```

Background

The CSS property to change the background color of an element to Hex E586DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E586DD }
```

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

```
.background{ background-color:#E586DD }
```

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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