

Converting Colors

Hex(E866D9)

Have a look what the booklet for
Hex(E866D9) contains.

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Color

Hex(E866D9)

Conversions

Conversions Part 1

Format	Color
Hex	E866D9
RGB	232, 102, 217
RGB Percent	91%, 40%, 85%
CMY	0.0902, 0.6000, 0.1490
CMYK	0.00, 0.56, 0.06, 0.09
HSL	307°, 74%, 65%
HSV	307°, 56%, 91%
XYZ	50.5545, 31.6683, 69.0937
YIQ	153.9800, 40.5650, 63.3250

Conversions

Conversions Part 2

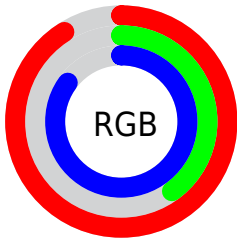
Format	Color
RYB	232, 102, 217
Decimal	15230681
CIELab	63.07, 64.30, -35.54
CIELCh	63, 73.473, 331.070
Yxy	31.6683, 0.3341, 0.2093
Android (android.graphics.Color)	4293420761 (0xFFE866D9)
YUV	153.9800, 31.0689, 68.4235
Hunter-Lab	56.2746, 61.8755, -33.4038

Details

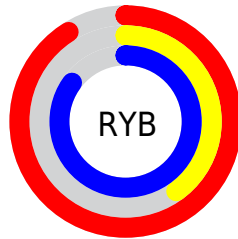
The Hex color **E866D9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **66E875**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF9EFF**, and **AD2AA2** is the 20% darker color. If you saturate the color by 10%, you get **E84FD6**, and if you desaturate by 10%, it is **E87DDC**.

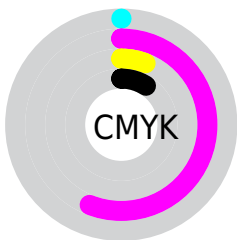
Distribution



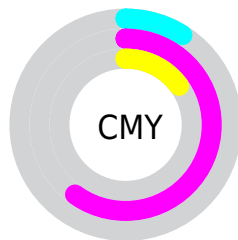
- Red (91%)
- Green (40%)
- Blue (85%)



- Red (91%)
- Yellow (40%)
- Blue (85%)



- Cyan (0%)
- Magenta (56%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color E866D9 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 E866D9 by changing the saturation by 10% instead.

 E866D9

 E866D9

FFFFFF

 CA49BD

 FF9EFF

 AD2AA2

 FFBBFF

 910087

 FFD8FF

 75006D

 FFF6FF

 5A0055

 40003D

 250026

 00010F

 000000

 E866D9

 E866D9

 E84FD6

 E87DDC

 E838D4

 E894DE

 E820D1

 E8ACE1

 E809CE

 E8C3E4

 E800CD

 E8DAE6

 E8F1E9

 E8FFEC

 E8FFEE

 E8FFF1

Harmonies

Analogous

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



9886FF



E866D9



FF5299

Triad

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



E866D9



B59700



00B6DB

Complementary

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



E866D9



66E875

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.



00B699



E866D9



73A80D

Square

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



E866D9



E77D1C



00B255



00AFFF

Rectangle

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



E866D9



FF576E



00B255



00B6C6

Sweetspot

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



E866D9



FFD4FA



7366E8



80667D



000000



808080

Same Dimension

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



E866D9



FF54EB



E8669A



736771



B3009E



33002D

Inverse Universe

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



E866D9



FF54EB



66E8B4



736771



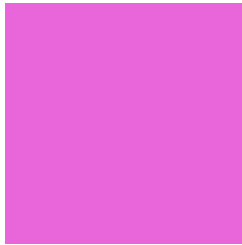
B3009E



33002D

Previews

White Background



This preview shows how the Hex color E866D9 looks on a white background.

Color Contrast Check

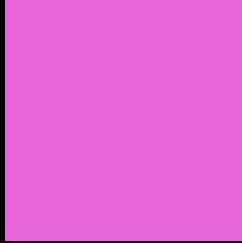
Large Text (above 18pt) WCAG AA × Fail

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 E866D9 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 E866D9 Background



This preview shows how black text looks on a background with the Hex color E866D9.



This preview shows how white text looks on a background with the Hex color E866D9.

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
DE7B84

Trichromacy



Original Color
E866D9



Protanomaly
9A85F1



Deuteranomaly
AB85D4



Tritanomaly
E273A3

Monochromacy



Original Color
E866D9



Achromatopsia
9A9A9A



Achromatomaly
B687B1

CSS Examples

Text

The CSS property to change the color of the text to Hex E866D9 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 #E866D9 looks like.

```
.text, #text, p{  
    color:#E866D9  
}
```

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 #E866D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E866D9
}
```

Border

The CSS property to change the border of an element to Hex E866D9 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
#E866D9 }
```

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

```
.border{ border-color:#E866D9 }
```

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

Here you see how a box with a 4 pixel #E866D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E866D9; -webkit-box-shadow:4px 4px  
4px 4px #E866D9; box-shadow:4px 4px 4px  
4px #E866D9 }
```

Background

The CSS property to change the background color of an element to Hex E866D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E866D9 }
```

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

```
.background{ background-color:#E866D9 }
```

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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