

Converting Colors

Hex(E874D3)

Have a look what the booklet for
Hex(E874D3) contains.

| | |
|--|----|
| Hex(E874D3) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(E874D3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E874D3 |
| RGB | 232, 116, 211 |
| RGB Percent | 91%, 45%, 83% |
| CMY | 0.0902, 0.5451, 0.1725 |
| CMYK | 0.00, 0.50, 0.09, 0.09 |
| HSL | 311°, 72%, 68% |
| HSV | 311°, 50%, 91% |
| XYZ | 51.2820, 34.3497, 65.5553 |
| YIQ | 161.5140, 38.6410, 54.1370 |

Conversions

Conversions Part 2

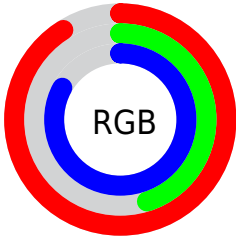
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 232, 116, 211 |
| Decimal | 15234259 |
| CIE Lab | 65.24, 56.88, -28.81 |
| CIE LCh | 65, 63.760, 333.135 |
| Yxy | 34.3497, 0.3392, 0.2272 |
| Android (android.graphics.Color) | 4293424339 (0xFFE874D3) |
| YUV | 161.5140, 24.3966, 61.8162 |
| Hunter-Lab | 58.6086, 53.6206, -25.2914 |

Details

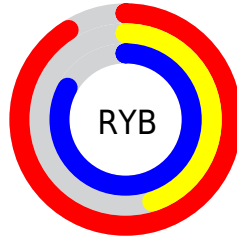
The Hex color **E874D3** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74E889**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFACFF**, and **AE3D9C** is the 20% darker color. If you saturate the color by 10%, you get **E85DCF**, and if you desaturate by 10%, it is **E88BD7**.

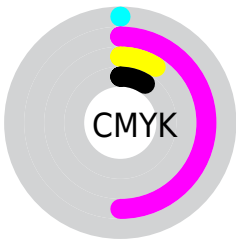
Distribution



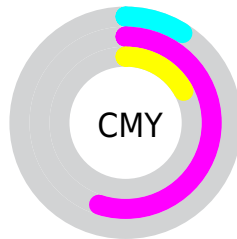
- Red (91%)
- Green (45%)
- Blue (83%)



- Red (91%)
- Yellow (45%)
- Blue (83%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (55%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E874D3 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 E874D3 by changing the saturation by 10% instead.

 E874D3

 E874D3

FFFFFF

 CB59B7

 FFACFF

 AE3D9C

 FFC8FF

 921E82

 FFE5FF

 760068

 5B0050

 410039

 280023

 000008

 000000

 E874D3

 E874D3

 E85DCF

 E88BD7

 E846CB

 E8A2DB

 E82EC6

 E8BAE0

 E817C2

 E8D1E4

 E800BE

 E8E8E8

 E8FFEC

 E8FFF0

 E8FFF5

 E8FFF9

Harmonies

Analogous

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



A78DFE



E874D3



FF679B

Triad

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



E874D3



B69E1C



00B8DB

Complementary

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



E874D3



74E889

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.



00B9A3



E874D3



7CAD36

Square

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



E874D3



E48835



01B668



00B2FF

Rectangle

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



E874D3



FF6C75



01B668



00B9CA

Sweetspot

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



E874D3



FFD9F8



8774E8



80697B



000000



808080

Same Dimension

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



E874D3



FF66E3



E8749B



736771



B30092



33002A

Inverse Universe

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



E874D3



FF66E3



74E8C1



736771



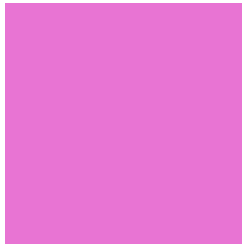
B30092



33002A

Previews

White Background



This preview shows how the Hex color E874D3 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 E874D3 Background



This preview shows how black text looks on a background with the Hex color E874D3.

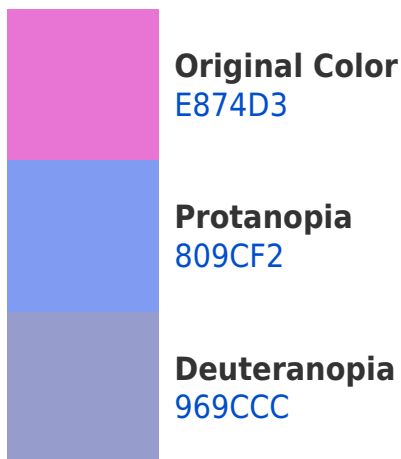


This preview shows how white text looks on a background with the Hex color E874D3.

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
E0848E

Trichromacy



Original Color
E874D3



Protanomaly
A68DE7



Deuteranomaly
B48DCF



Tritanomaly
E37EA7

Monochromacy



Original Color
E874D3



Achromatopsia
A2A2A2



Achromatomaly
BB91B4

CSS Examples

Text

The CSS property to change the color of the text to Hex E874D3 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 #E874D3 looks like.

```
.text, #text, p{  
    color:#E874D3  
}
```

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 #E874D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E874D3
}
```

Border

The CSS property to change the border of an element to Hex E874D3 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
#E874D3 }
```

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

```
.border{ border-color:#E874D3 }
```

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

Here you see how a box with a 4 pixel #E874D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E874D3; -webkit-box-shadow:4px 4px  
4px 4px #E874D3; box-shadow:4px 4px 4px  
4px #E874D3 }
```

Background

The CSS property to change the background color of an element to Hex E874D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E874D3 }
```

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

```
.background{ background-color:#E874D3 }
```

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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