

# Converting Colors

Hex(E874D4)

Have a look what the booklet for  
Hex(E874D4) contains.

<b>Hex(E874D4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(E874D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E874D4
RGB	232, 116, 212
RGB Percent	91%, 45%, 83%
CMY	0.0902, 0.5451, 0.1686
CMYK	0.00, 0.50, 0.09, 0.09
HSL	310°, 72%, 68%
HSV	310°, 50%, 91%
XYZ	51.4078, 34.4001, 66.2177
YIQ	161.6280, 38.3200, 54.4480

# Conversions

## Conversions Part 2

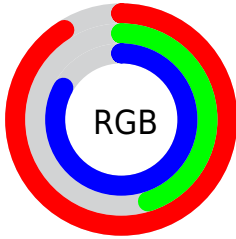
Format	Color
R <sub>YB</sub>	232, 116, 212
Decimal	15234260
CIE <sub>Lab</sub>	65.28, 57.04, -29.31
CIE <sub>LCh</sub>	65, 64.131, 332.803
Yxy	34.4001, 0.3382, 0.2263
Android (android.graphics.Color)	4293424340 (0xFFE874D4)
YUV	161.6280, 24.8334, 61.7162
Hunter-Lab	58.6516, 53.8140, -25.8825

# Details

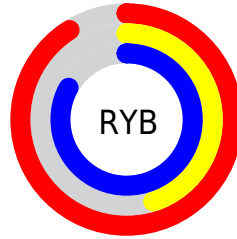
The Hex color **E874D4** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74E888**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFACFF**, and **AE3D9D** is the 20% darker color. If you saturate the color by 10%, you get **E85DD0**, and if you desaturate by 10%, it is **E88BD8**.

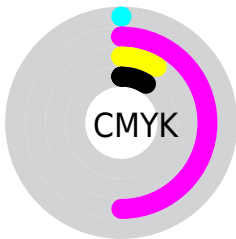
# Distribution



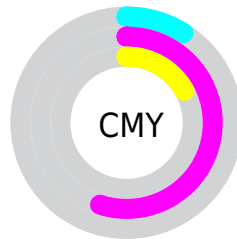
- Red (91%)
- Green (45%)
- Blue (83%)



- 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 E874D4 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 E874D4 by changing the saturation by 10% instead.



 E874D4

 E874D4

FFFFFF

 CB59B8

 FFACFF

 AE3D9D

 FFC8FF

 921E83

 FFE5FF

 760069

 5B0051

 410039

 280023

 00000A

 000000

 E874D4

 E874D4

 E85DD0

 E88BD8

 E846CC

 E8A2DC

 E82EC8

 E8BAE0

 E817C4

 E8D1E4

 E800C0

 E8E8E8

 E8FFEC

 E8FFF0

 E8FFF4

 E8FFF8

# Harmonies

## Analogous

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



A68DFE



E874D4



FF679B

# Triad

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



E874D4



B79D1B



00B9DB

# Complementary

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



E874D4



74E888

# 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.



00BAA2



E874D4



7CAD35

# Square

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



E874D4



E58835



02B667



00B2FF

# Rectangle

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



E874D4



FF6B75



02B667



00BAC9



# Sweetspot

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



E874D4



FFD9F8



8774E8



80697C



000000



808080



# Same Dimension

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



E874D4



FF66E5



E8749B



736771



B30094



33002A



# Inverse Universe

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



E874D4



FF66E5



74E8C1



736771



B30094

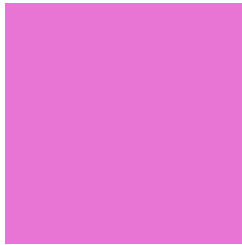


33002A



# Previews

## White Background



This preview shows how the Hex color E874D4 looks on a white background.

## Color Contrast Check

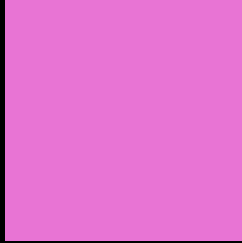
Large Text (above 18pt) WCAG AA × Fail

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 E874D4 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 E874D4 Background



This preview shows how black text looks on a background with the Hex color E874D4.

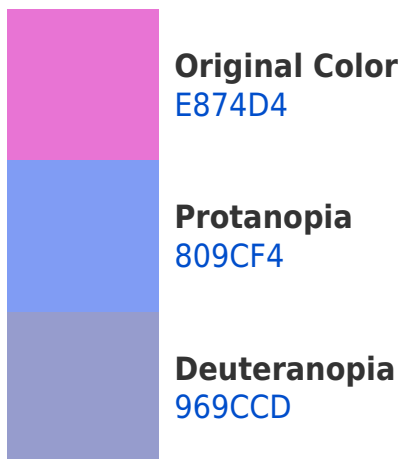


This preview shows how white text looks on a background with the Hex color E874D4.

# 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**  
E874D4



**Protanomaly**  
A68DE8



**Deuteranomaly**  
B48DD0



**Tritanomaly**  
E37EA7

# Monochromacy



**Original Color**  
E874D4



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BB91B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E874D4 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 #E874D4 looks like.

```
.text, #text, p{  
    color:#E874D4  
}
```

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 #E874D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E874D4
}
```

## Border

The CSS property to change the border of an element to Hex E874D4 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
#E874D4 }
```

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

```
.border{ border-color:#E874D4 }
```

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

Here you see how a box with a 4 pixel #E874D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E874D4; -webkit-box-shadow:4px 4px  
4px 4px #E874D4; box-shadow:4px 4px 4px  
4px #E874D4 }
```

# Background

The CSS property to change the background color of an element to Hex E874D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E874D4 }
```

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

```
.background{ background-color:#E874D4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor