

Converting Colors

Hex(E987D4)

Have a look what the booklet for
Hex(E987D4) contains.

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Color

Hex(E987D4)

Conversions

Conversions Part 1

Format	Color
Hex	E987D4
RGB	233, 135, 212
RGB Percent	91%, 53%, 83%
CMY	0.0863, 0.4706, 0.1686
CMYK	0.00, 0.42, 0.09, 0.09
HSL	313°, 69%, 72%
HSV	313°, 42%, 91%
XYZ	54.1519, 39.4051, 67.0392
YIQ	173.0800, 33.6910, 44.7230

Conversions

Conversions Part 2

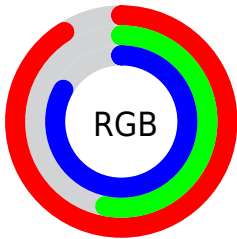
Format	Color
R _Y B	233, 135, 212
Decimal	15304660
CIE Lab	69.04, 47.94, -23.52
CIE LCh	69, 53.395, 333.867
Yxy	39.4051, 0.3372, 0.2454
Android (android.graphics.Color)	4293494740 (0xFFE987D4)
YUV	173.0800, 19.1876, 52.5498
Hunter-Lab	62.7734, 44.1306, -19.3776

Details

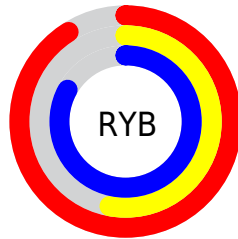
The Hex color **E987D4** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87E99C**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFBEFF**, and **B0529D** is the 20% darker color. If you saturate the color by 10%, you get **E970CF**, and if you desaturate by 10%, it is **E99ED9**.

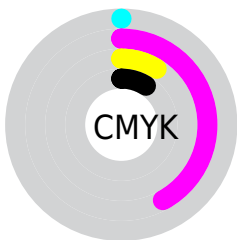
Distribution



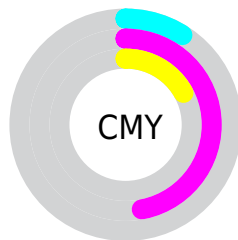
- Red (91%)
- Green (53%)
- Blue (83%)



- Red (91%)
- Yellow (53%)
- Blue (83%)



- Cyan (0%)
- Magenta (42%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E987D4 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 E987D4 by changing the saturation by 10% instead.

 E987D4

 E987D4

FFFFFF

 CC6CB8

 FFBEFF

 B0529D

 FFDBFF

 943883

 FFF8FF

 781B6A

 5E0051

 44003A

 2E0024

 00000B

 000000

 E987D4

 E987D4

 E970CF

 E99ED9

 E958CA

 E9B6DE

 E941C5

 E9CDE3

 E92AC0

 E9E4E8

 E913BB

 E9FCED

 E900B7

 E9FFF2

 E9FFF7

 E9FFFC

 E9FFFF

Harmonies

Analogous

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



B499F9



E987D4



FF7FA4

Triad

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



E987D4



BEA843



00BFDD

Complementary

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



E987D4



87E99C

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.



00C1AD



E987D4



8CB555

Square

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



E987D4



E69751



48BD7C



00B9FF

Rectangle

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



E987D4



FF8284



48BD7C



00C0CE

Sweetspot

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



E987D4



FFDEF8



9B87E9



806B7B



000000



808080

Same Dimension

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



E987D4



FF80E4



E987A4



756A73



B5008E



36002A

Inverse Universe

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



E987D4



FF80E4



87E9CC



756A73



B5008E



36002A

Previews

White Background



This preview shows how the Hex color E987D4 looks on a white background.

Color Contrast Check

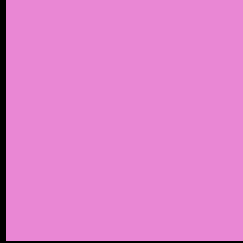
Large Text (above 18pt) WCAG AA × Fail

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 E987D4 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 E987D4 Background



This preview shows how black text looks on a background with the Hex color E987D4.

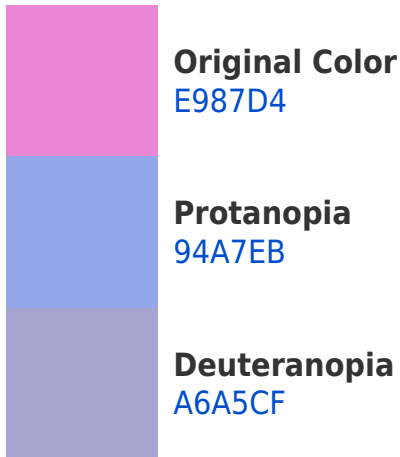



This preview shows how white text looks on a background with the Hex color E987D4.

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](#).

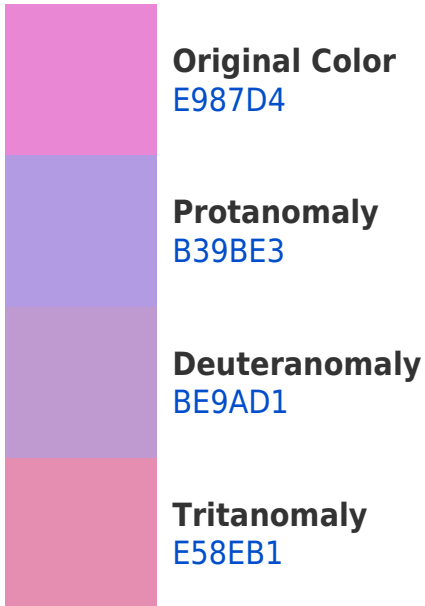
Dichromacy



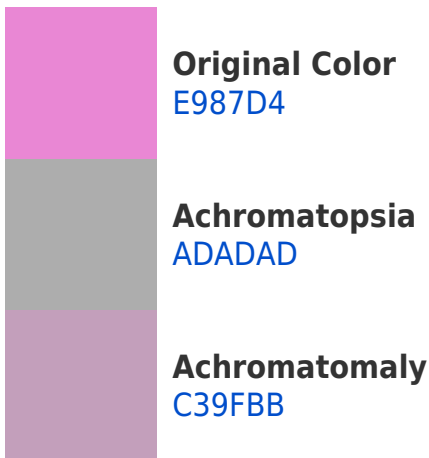


Tritanopia
E3929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E987D4 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 #E987D4 looks like.

```
.text, #text, p{  
    color:#E987D4  
}
```

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 #E987D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E987D4
}
```

Border

The CSS property to change the border of an element to Hex E987D4 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
#E987D4 }
```

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

```
.border{ border-color:#E987D4 }
```

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

Here you see how a box with a 4 pixel #E987D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E987D4; -webkit-box-shadow:4px 4px  
4px 4px #E987D4; box-shadow:4px 4px 4px  
4px #E987D4 }
```

Background

The CSS property to change the background color of an element to Hex E987D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E987D4 }
```

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

```
.background{ background-color:#E987D4 }
```

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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