

# Converting Colors

Hex(E985E7)

Have a look what the booklet for  
Hex(E985E7) contains.

<b>Hex(E985E7)</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(E985E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E985E7
RGB	233, 133, 231
RGB Percent	91%, 52%, 91%
CMY	0.0863, 0.4784, 0.0941
CMYK	0.00, 0.43, 0.01, 0.09
HSL	301°, 69%, 72%
HSV	301°, 43%, 91%
XYZ	56.4156, 39.8682, 80.3232
YIQ	174.0720, 28.1420, 51.6780

# Conversions

## Conversions Part 2

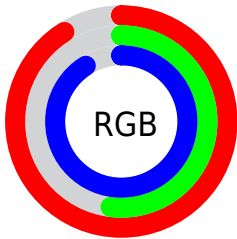
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 133, 231
Decimal	15304167
CIE <sub>Lab</sub>	69.38, 52.20, -33.51
CIE <sub>LCh</sub>	69, 62.035, 327.300
Y <sub>xy</sub>	39.8682, 0.3194, 0.2257
Android (android.graphics.Color)	4293494247 (0xFFE985E7)
YUV	174.0720, 28.0655, 51.6799
Hunter-Lab	63.1413, 48.9893, -31.2250

# Details

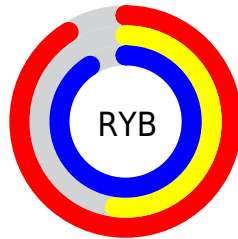
The Hex color **E985E7** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85E987**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFBCFF**, and **AF4FAF** is the 20% darker color. If you saturate the color by 10%, you get **E96EE7**, and if you desaturate by 10%, it is **E99CE7**.

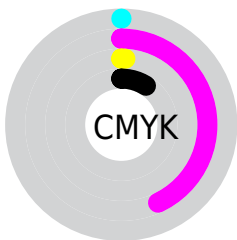
# Distribution



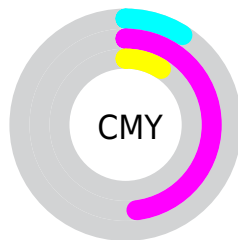
- Red (91%)
- Green (52%)
- Blue (91%)



- Red (91%)
- Yellow (52%)
- Blue (91%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (9%)



- Cyan (9%)
- Magenta (48%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E985E7 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 E985E7 by changing the saturation by 10% instead.



 E985E7

 E985E7

FFFFFF

 CC6ACB

 FFBCFF

 AF4FAF

 FFD9FF

 933494

 FFF6FF

 78167A

 5D0061

 430049

 2D0032

 00001C

 000000

 E985E7

 E985E7

 E96EE7

 E99CE7

 E956E6

 E9B4E8

 E93FE6

 E9CBE8

 E928E5

 E9E2E9

 E910E5

 E9FAE9

 E900E4

 E9FFEA

 E9FFEB

# Harmonies

## Analogous

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



A29DFF



E985E7



FF76B1

# Triad

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



E985E7



CCA530



00C4DB

# Complementary

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



E985E7



85E987

# 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.



00C4A2



E985E7



95B53E

# Square

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



E985E7



F68F4A



47C06A



00BEFF

# Rectangle

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



E985E7



FF778B



47C06A



00C5C9



# Sweetspot

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



E985E7



FFDEFE



8785E9



806B7F



000000



808080



# Same Dimension

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



E985E7



FF7AFC



E985B5



756A75



B500B1



360034



# Inverse Universe

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



E985E7



FF7AFC



85E9B9



756A75



B500B1

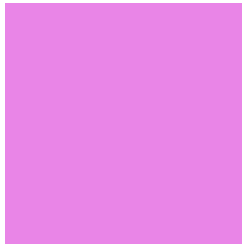


360034



# Previews

## White Background



This preview shows how the Hex color E985E7 looks on a white background.

## Color Contrast Check

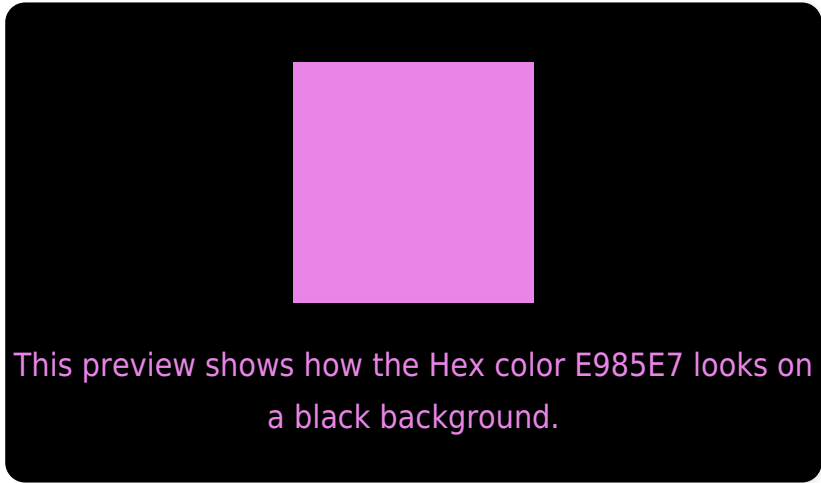
Large Text (above 18pt) WCAG AA × Fail

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

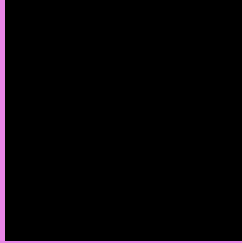
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E985E7 Background



This preview shows how black text looks on a background with the Hex color E985E7.

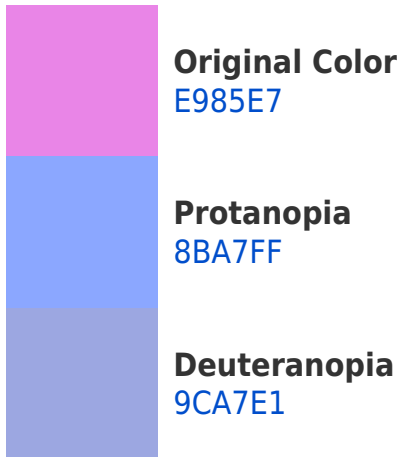


This preview shows how white text looks on a background with the Hex color E985E7.

# 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**  
E095A0

# Trichromacy



**Original Color**  
E985E7



**Protanomaly**  
AD9BF6



**Deuteranomaly**  
B89BE3



**Tritanomaly**  
E38FBA

# Monochromacy



**Original Color**  
E985E7



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
C39FC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E985E7 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 #E985E7 looks like.

```
.text, #text, p{  
    color:#E985E7  
}
```

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 #E985E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E985E7
}
```

## Border

The CSS property to change the border of an element to Hex E985E7 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
#E985E7 }
```

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

```
.border{ border-color:#E985E7 }
```

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

Here you see how a box with a 4 pixel #E985E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E985E7; -webkit-box-shadow:4px 4px  
4px 4px #E985E7; box-shadow:4px 4px 4px  
4px #E985E7 }
```

# Background

The CSS property to change the background color of an element to Hex E985E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E985E7 }
```

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

```
.background{ background-color:#E985E7 }
```

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