

# Converting Colors

Hex(E993CE)

Have a look what the booklet for  
Hex(E993CE) contains.

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# **Color**

**Hex(E993CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E993CE
RGB	233, 147, 206
RGB Percent	91%, 58%, 81%
CMY	0.0863, 0.4235, 0.1922
CMYK	0.00, 0.37, 0.12, 0.09
HSL	319°, 66%, 75%
HSV	319°, 37%, 91%
XYZ	55.1786, 42.6473, 63.7160
YIQ	179.4400, 32.3170, 36.5810

# Conversions

## Conversions Part 2

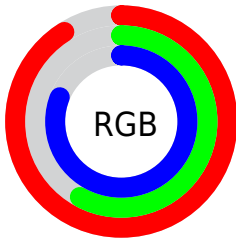
Format	Color
R <sub>Y</sub> B	233, 147, 206
Decimal	15307726
CIE Lab	71.31, 40.75, -16.74
CIE LCh	71, 44.055, 337.663
Yxy	42.6473, 0.3416, 0.2640
Android (android.graphics.Color)	4293497806 (0xFFE993CE)
YUV	179.4400, 13.0941, 46.9721
Hunter-Lab	65.3049, 36.5378, -12.1340

# Details

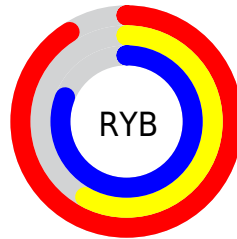
The Hex color **E993CE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93E9AE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCAFF**, and **B05E98** is the 20% darker color. If you saturate the color by 10%, you get **E97CC7**, and if you desaturate by 10%, it is **E9AAD5**.

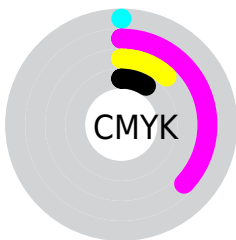
# Distribution



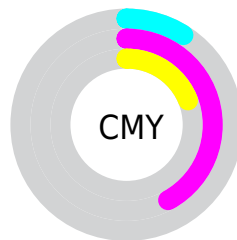
- Red (91%)
- Green (58%)
- Blue (81%)



- Red (91%)
- Yellow (58%)
- Blue (81%)



- Cyan (0%)
- Magenta (37%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (42%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E993CE 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 E993CE by changing the saturation by 10% instead.



 E993CE

 E993CE

FFFFFF

 CC78B2

 FFCAFF

 B05E98

 FFE7FF

 94457E

 792C65

 5F104D

 450036

 2F0021

 070004

 000000

 E993CE

 E993CE

 E97CC7

 E9AAD5

 E964BF

 E9C2DD

 E94DB8

 E9D9E4

 E936B1

 E9F0EB

 E91EA9

 E9FFF3

 E907A2

 E9FFFA

 E900A0

 E9FFFF

# Harmonies

## Analogous

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



C0A0EE



E993CE



FB8EA6

# Triad

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



E993CE



BEB05D



00C2DE

# Complementary

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



E993CE



93E9AE

# 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.



00C4B8



E993CE



93BB6D

# Square

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



E993CE



E1A265



5FC18F



21BBF8

# Rectangle

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



E993CE



FB918B



5FC18F



00C3D3



# Sweetspot

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



E993CE



FFE3F6



AD93E9



806F7A



000000



808080



# Same Dimension

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



E993CE



FF8FDC



E993A4



756A72



B5007C



360025



# Inverse Universe

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



E993CE



FF8FDC



93E9D8



756A72



B5007C

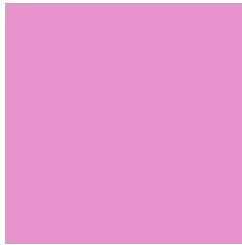


360025



# Previews

## White Background



This preview shows how the Hex color E993CE 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 E993CE Background



This preview shows how black text looks on a background with the Hex color E993CE.

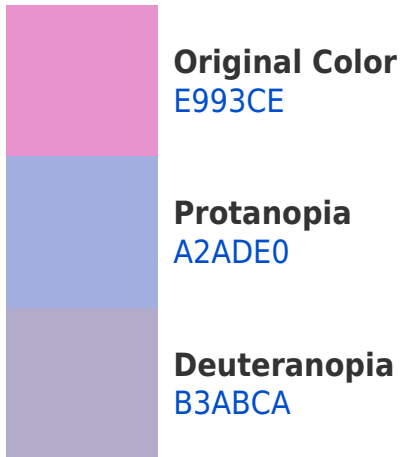


This preview shows how white text looks on a background with the Hex color E993CE.

# 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**  
E49BA6

# Trichromacy



**Original Color**  
E993CE



**Protanomaly**  
BCA4D9



**Deuteranomaly**  
C7A2CB

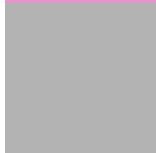


**Tritanomaly**  
E698B5

# Monochromacy



**Original Color**  
E993CE



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C7A7BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E993CE 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 #E993CE looks like.

```
.text, #text, p{  
    color:#E993CE  
}
```

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 #E993CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E993CE
}
```

## Border

The CSS property to change the border of an element to Hex E993CE 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
#E993CE }
```

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

```
.border{ border-color:#E993CE }
```

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

Here you see how a box with a 4 pixel #E993CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E993CE; -webkit-box-shadow:4px 4px  
4px 4px #E993CE; box-shadow:4px 4px 4px  
4px #E993CE }
```

# Background

The CSS property to change the background color of an element to Hex E993CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E993CE }
```

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

```
.background{ background-color:#E993CE }
```

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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