

# Converting Colors

Hex(E98CC3)

Have a look what the booklet for  
Hex(E98CC3) contains.

<b>Hex(E98CC3)</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(E98CC3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E98CC3
RGB	233, 140, 195
RGB Percent	91%, 55%, 76%
CMY	0.0863, 0.4510, 0.2353
CMYK	0.00, 0.40, 0.16, 0.09
HSL	325°, 68%, 73%
HSV	325°, 40%, 91%
XYZ	52.8327, 40.0199, 56.5698
YIQ	174.0770, 37.7730, 36.8210

# Conversions

## Conversions Part 2

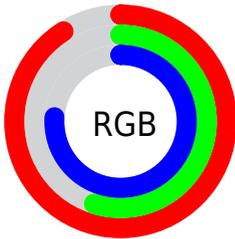
Format	Color
R <sub>Y</sub> B	233, 140, 195
Decimal	15305923
CIE Lab	69.48, 42.65, -13.40
CIE LCh	69, 44.700, 342.561
Yxy	40.0199, 0.3536, 0.2678
Android (android.graphics.Color)	4293496003 (0xFFE98CC3)
YUV	174.0770, 10.3150, 51.6755
Hunter-Lab	63.2613, 38.3670, -8.7356

# Details

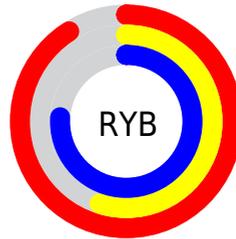
The Hex color **E98CC3** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CE9B2**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **FFC3FC**, and **B0578D** is the 20% darker color. If you saturate the color by 10%, you get **E975B9**, and if you desaturate by 10%, it is **E9A3CD**.

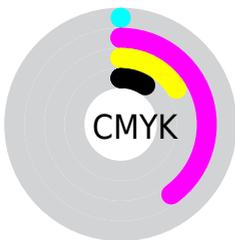
# Distribution



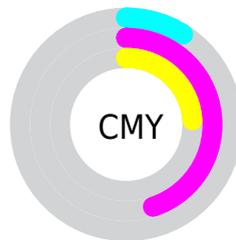
- Red (91%)
- Green (55%)
- Blue (76%)



- Red (91%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (16%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E98CC3 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 E98CC3 by changing the saturation by 10% instead.

 E98CC3

 E98CC3

FFFFFF

 CC71A8

 FFC3FC

 B0578D

 FFE0FF

 943E74

 FFFDFD

 79245B

 5E0344

 44002D

 2F0019

 000000

 E98CC3

 E98CC3

 E975B9

 E9A3CD

 E95DB0

 E9BBD6

 E946A6

 E9D2E0

 E92F9D

 E9E9E9

 E91893

 E9FFF3

 E9008A

 E9FFFC

 E9FFFF

# Harmonies

## Analogous

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



C399E6



E98CC3



F7899A

# Triad

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



E98CC3



B2AD58



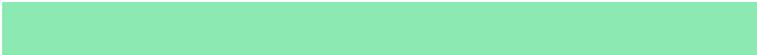
00BCDF

# Complementary

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



E98CC3



8CE9B2

# 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.



00BFBA



E98CC3



86B76C

# Square

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



E98CC3



D79F5C



4DBD90



29B5F6

# Rectangle

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



E98CC3



F48D80



4DBD90



00BED4

# Sweetspot

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



E98CC3



FFE0F2



B18CE9



806E78



000000



808080



# Same Dimension

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



E98CC3



FF85CD



E98C95



756A71



B5006B



360020



# Inverse Universe

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



E98CC3



FF85CD



8CE9E0



756A71



B5006B

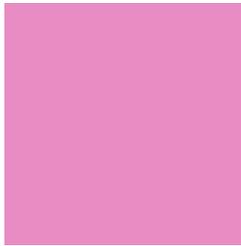


360020



# Previews

## White Background



This preview shows how the Hex color E98CC3 looks on a white background.

## Color Contrast Check

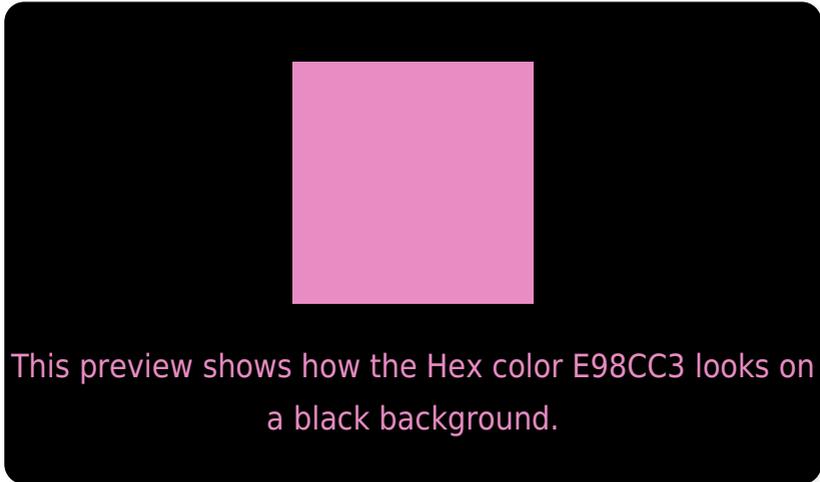
Large Text (above 18pt) WCAG AA × Fail

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

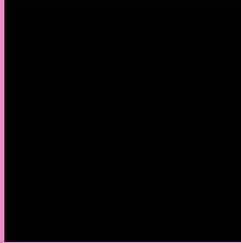
Any Text WCAG AA ✓ Pass

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 E98CC3 Background



This preview shows how black text looks on a background with the Hex color E98CC3.



This preview shows how white text looks on a background with the Hex color E98CC3.

# 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**  
E5939E

# Trichromacy



**Original Color**  
E98CC3



**Protanomaly**  
BA9ECF



**Deuteranomaly**  
C59DC0



**Tritanomaly**  
E690AB

# Monochromacy



**Original Color**  
E98CC3



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
C3A2B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E98CC3 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 #E98CC3 looks like.

```
.text, #text, p{  
    color:#E98CC3  
}
```

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 #E98CC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98CC3
}
```

## Border

The CSS property to change the border of an element to Hex E98CC3 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
#E98CC3 }
```

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

```
.border{ border-color:#E98CC3 }
```

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

Here you see how a box with a 4 pixel #E98CC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98CC3; -webkit-box-shadow:4px 4px  
4px 4px #E98CC3; box-shadow:4px 4px 4px  
4px #E98CC3 }
```

# Background

The CSS property to change the background color of an element to Hex E98CC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98CC3 }
```

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

```
.background{ background-color:#E98CC3 }
```

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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