

Converting Colors

Hex(E998E0)

Have a look what the booklet for
Hex(E998E0) contains.

Hex(E998E0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E998E0)

Conversions

Conversions Part 1

Format	Color
Hex	E998E0
RGB	233, 152, 224
RGB Percent	91%, 60%, 88%
CMY	0.0863, 0.4039, 0.1216
CMYK	0.00, 0.35, 0.04, 0.09
HSL	307°, 65%, 75%
HSV	307°, 35%, 91%
XYZ	58.2871, 45.1619, 76.1661
YIQ	184.4270, 25.1640, 39.5640

Conversions

Conversions Part 2

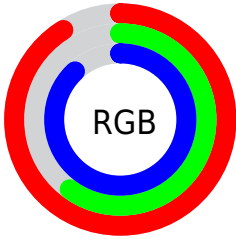
Format	Color
R _Y B	233, 152, 224
Decimal	15309024
CIE Lab	73.00, 41.18, -24.09
CIE LCh	73, 47.714, 329.669
Yxy	45.1619, 0.3245, 0.2514
Android (android.graphics.Color)	4293499104 (0xFFE998E0)
YUV	184.4270, 19.5095, 42.5985
Hunter-Lab	67.2026, 37.2143, -20.1562

Details

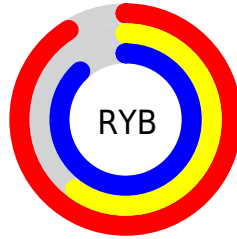
The Hex color **E998E0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **98E9A1**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFCFFF**, and **B063A9** is the 20% darker color. If you saturate the color by 10%, you get **E981DD**, and if you desaturate by 10%, it is **E9AFE3**.

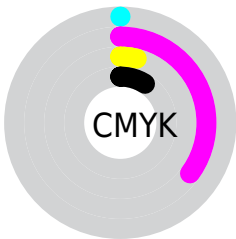
Distribution



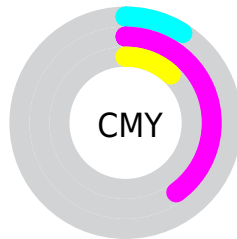
- Red (91%)
- Green (60%)
- Blue (88%)



- Red (91%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color E998E0 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 E998E0 by changing the saturation by 10% instead.

 E998E0

 E998E0

FFFFFF

 CC7DC4

 FFCFFF

 B063A9

 FFECFF

 944A8E

 7A3174

 60165B

 460044

 2F002D

 0E0018

 000000

 E998E0

 E998E0

 E981DD

 E9AFE3

 E969DB

 E9C7E5

 E952D8

 E9DEE8

 E93BD6

 E9F5EA

 E924D3

 E9FFED

 E90CD0

 E9FFF0

 E900CF

 E9FFF2

 E9FFF5

 E9FFF7

Harmonies

Analogous

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



B6A8FF



E998E0



FF8FB5

Triad

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



E998E0



CEB15A



00C9DD

Complementary

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



E998E0



98E9A1

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.



00CAB1



E998E0



A2BD65

Square

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



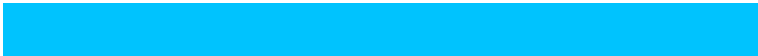
E998E0



F1A169



6BC685



00C3FE

Rectangle

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



E998E0



FF9198



6BC685



00CACF

Sweetspot

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



E998E0



FFE6FC



A098E9



80707E



000000



808080

Same Dimension

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



E998E0



FF94F3



E998B8



756A74



B500A1



360030

Inverse Universe

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



E998E0



FF94F3



98E9C9



756A74



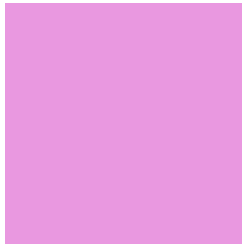
B500A1



360030

Previews

White Background



This preview shows how the Hex color E998E0 looks on a white background.

Color Contrast Check

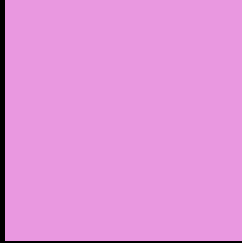
Large Text (above 18pt) WCAG AA × Fail

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 E998E0 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 E998E0 Background



This preview shows how black text looks on a background with the Hex color E998E0.

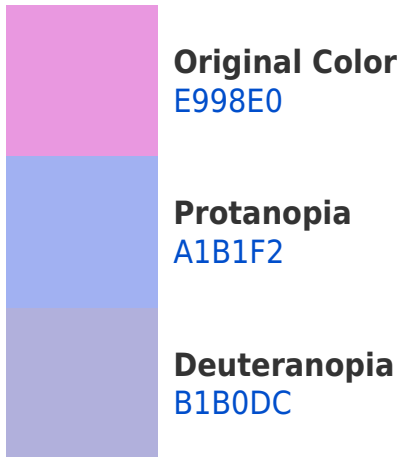


This preview shows how white text looks on a background with the Hex color E998E0.

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
E3A2AE

Trichromacy



Original Color
E998E0



Protanomaly
BBA8EB



Deuteranomaly
C5A7DD



Tritanomaly
E59EC0

Monochromacy



Original Color
E998E0



Achromatopsia
B8B8B8



Achromatomaly
CAACC7

CSS Examples

Text

The CSS property to change the color of the text to Hex E998E0 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 #E998E0 looks like.

```
.text, #text, p{  
    color:#E998E0  
}
```

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 #E998E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E998E0
}
```

Border

The CSS property to change the border of an element to Hex E998E0 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
#E998E0 }
```

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

```
.border{ border-color:#E998E0 }
```

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

Here you see how a box with a 4 pixel #E998E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E998E0; -webkit-box-shadow:4px 4px  
4px 4px #E998E0; box-shadow:4px 4px 4px  
4px #E998E0 }
```

Background

The CSS property to change the background color of an element to Hex E998E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E998E0 }
```

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

```
.background{ background-color:#E998E0 }
```

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