

# Converting Colors

Hex(E8AFB2)

Have a look what the booklet for  
Hex(E8AFB2) contains.

<b>Hex(E8AFB2)</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(E8AFB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8AFB2
RGB	232, 175, 178
RGB Percent	91%, 69%, 70%
CMY	0.0902, 0.3137, 0.3020
CMYK	0.00, 0.25, 0.23, 0.09
HSL	357°, 55%, 80%
HSV	357°, 25%, 91%
XYZ	56.6446, 51.0301, 48.9838
YIQ	192.3850, 33.0090, 13.0170

# Conversions

## Conversions Part 2

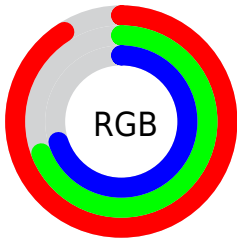
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 175, 178
Decimal	15249330
CIE <sub>Lab</sub>	76.70, 21.21, 6.58
CIE <sub>LCh</sub>	77, 22.207, 17.222
Yxy	51.0301, 0.3616, 0.3257
Android (android.graphics.Color)	4293439410 (0xFFE8AFB2)
YUV	192.3850, -7.0918, 34.7424
Hunter-Lab	71.4354, 16.5294, 9.3491

# Details

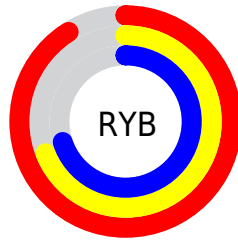
The Hex color **E8AFB2** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **AFE8E5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFE7EA**, and **AF7A7D** is the 20% darker color. If you saturate the color by 10%, you get **E8989C**, and if you desaturate by 10%, it is **E8C6C8**.

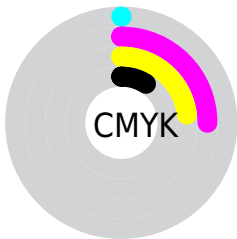
# Distribution



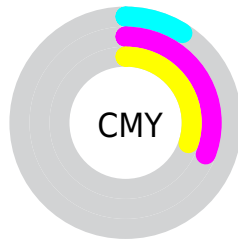
- Red (91%)
- Green (69%)
- Blue (70%)



- Red (91%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E8AFB2 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 E8AFB2 by changing the saturation by 10% instead.



 E8AFB2

 E8AFB2

FFFFFF

 CB9497

 FFE7EA

 AF7A7D

 946165

 79494D

 603236

 471C21

 2F0509

 110000

 000000

 E8AFB2

 E8AFB2

 E8989C

 E8C6C8

 E88186

 E8DDDE

 E86970

 E8F5F4

 E8525A

 E8FFFF

 E83B44

 E8242E

 E80D18

 E8000C

# Harmonies

## Analogous

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



E1B0C7



E8AFB2



E3B3A0

# Triad

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



E8AFB2



A9C5A1



9AC2E5

# Complementary

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



E8AFB2



AFE8E5

# 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.



88C7DB



E8AFB2



93C8B3

# Square

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



E8AFB2



C1C096



86C9C9



B5BBE4

# Rectangle

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



E8AFB2



DBB798



86C9C9



93C4E3

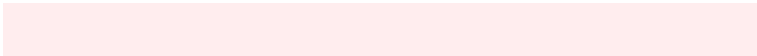


# Sweetspot

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



E8AFB2



FFEDEE



E4AFE8



807576



000000



808080



# Same Dimension

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



E8AFB2



FFB5B9



E8C8AF



736768



B30009



330003



# Inverse Universe

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



E8AFB2



FFB5B9



AFCFE8



736768



B30009

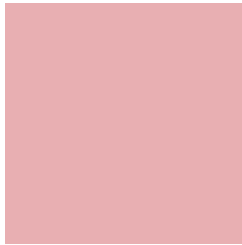


330003



# Previews

## White Background



This preview shows how the Hex color E8AFB2 looks on a white background.

## Color Contrast Check

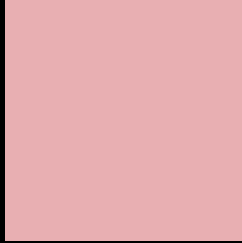
Large Text (above 18pt) WCAG AA × Fail

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 E8AFB2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

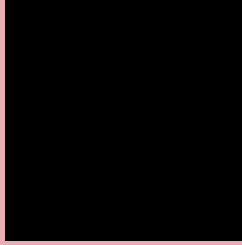
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E8AFB2 Background



This preview shows how black text looks on a background with the Hex color E8AFB2.

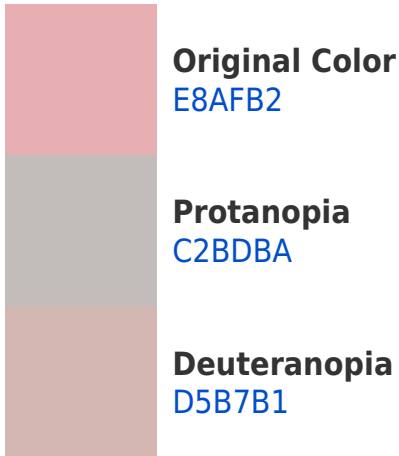


This preview shows how white text looks on a background with the Hex color E8AFB2.

# 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](#).

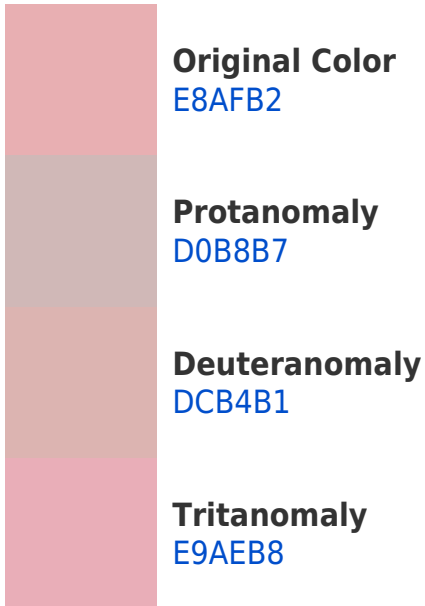
## Dichromacy



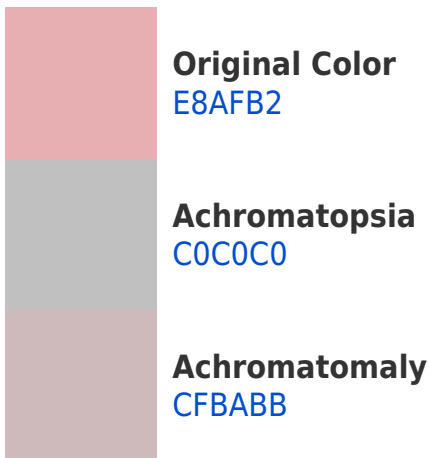


**Tritanopia**  
E9AEBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E8AFB2 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 #E8AFB2 looks like.

```
.text, #text, p{  
    color:#E8AFB2  
}
```

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 #E8AFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E8AFB2
}
```

## Border

The CSS property to change the border of an element to Hex E8AFB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

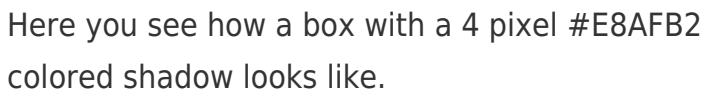
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E8AFB2 }
```

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

```
.border{ border-color:#E8AFB2 }
```

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



Here you see how a box with a 4 pixel #E8AFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E8AFB2; -webkit-box-shadow:4px 4px  
4px 4px #E8AFB2; box-shadow:4px 4px 4px  
4px #E8AFB2 }
```

# Background

The CSS property to change the background color of an element to Hex E8AFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E8AFB2 }
```

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

```
.background{ background-color:#E8AFB2 }
```

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