

# Converting Colors

Hex(EB8AE6)

Have a look what the booklet for  
Hex(EB8AE6) contains.

<b>Hex(EB8AE6)</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(EB8AE6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB8AE6
RGB	235, 138, 230
RGB Percent	92%, 54%, 90%
CMY	0.0784, 0.4588, 0.0980
CMYK	0.00, 0.41, 0.02, 0.08
HSL	303°, 71%, 73%
HSV	303°, 41%, 92%
XYZ	57.6324, 41.5523, 79.8457
YIQ	177.4910, 28.2800, 49.1760

# Conversions

## Conversions Part 2

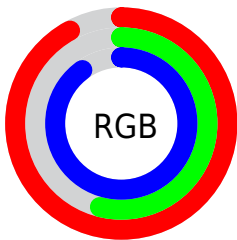
Format	Color
R <sub>Y</sub> B	235, 138, 230
Decimal	15436518
CIE Lab	70.56, 50.09, -31.11
CIE LCh	71, 58.967, 328.156
Yxy	41.5523, 0.3219, 0.2321
Android (android.graphics.Color)	4293626598 (0xFFEB8AE6)
YUV	177.4910, 25.8869, 50.4354
Hunter-Lab	64.4611, 46.7836, -28.3178

# Details

The Hex color **EB8AE6** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8AEB8F**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC1FF**, and **B155AE** is the 20% darker color. If you saturate the color by 10%, you get **EB73E5**, and if you desaturate by 10%, it is **EBA2E7**.

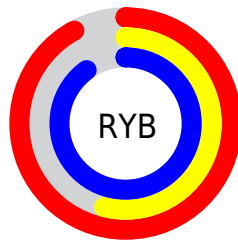
# Distribution



Red (92%)

Green (54%)

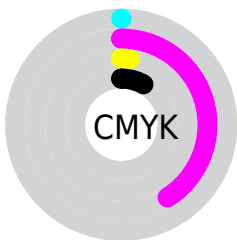
Blue (90%)



Red (92%)

Yellow (54%)

Blue (90%)

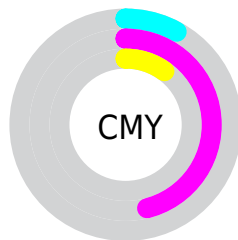


Cyan (0%)

Magenta (41%)

Yellow (2%)

Black (8%)



Cyan (8%)

Magenta (46%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EB8AE6 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 EB8AE6 by changing the saturation by 10% instead.




 EB8AE6

 EB8AE6

FFFFFF

 CE6FCA

 FFC1FF

 B155AE

 FFDEFF

 963A93

 FFFBFF

 7A1E79

 600060

 460048

 2F0031

 07001B

 000000

 EB8AE6

 EB8AE6

 EB73E5

 EBA2E7

 EB5BE4

 EBB9E8

 EB44E2

 EBD1EA

 EB2CE1

 EBE8EB

 EB15E0

 EBFFEC

 EB00DF

 EBFFED

 EBFFEE

 EBFFF0

 EBFFF1

# Harmonies

## Analogous

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



A9A0FF



EB8AE6



FF7DB2

# Triad

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



EB8AE6



CDA93B



00C6DE

# Complementary

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



EB8AE6



8AEB8F

# 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.



00C7A7



EB8AE6



98B848

# Square

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



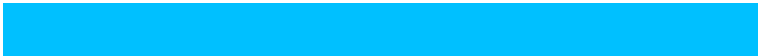
EB8AE6



F69552



50C271



00C0FF

# Rectangle

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



EB8AE6



FF7E8E



50C271



00C7CC



# Sweetspot

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



EB8AE6



FFE0FD



8F8AEB



806E7F



000000



808080



# Same Dimension

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



EB8AE6



FF80F8



EB8AB6



756A75



B500AC



360033



# Inverse Universe

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



EB8AE6



FF80F8



8AEBBF



756A75



B500AC



360033



# Previews

## White Background



This preview shows how the Hex color EB8AE6 looks on a white background.

## Color Contrast Check

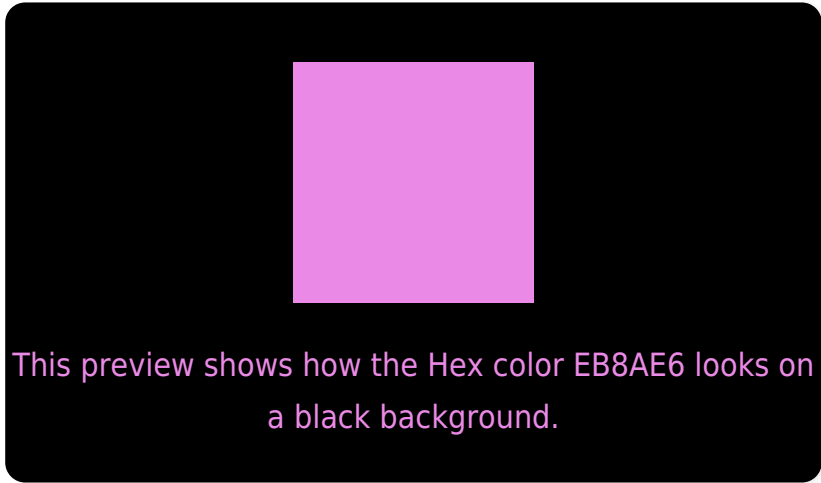
Large Text (above 18pt) WCAG AA × Fail

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 EB8AE6 Background



This preview shows how black text looks on a background with the Hex color EB8AE6.

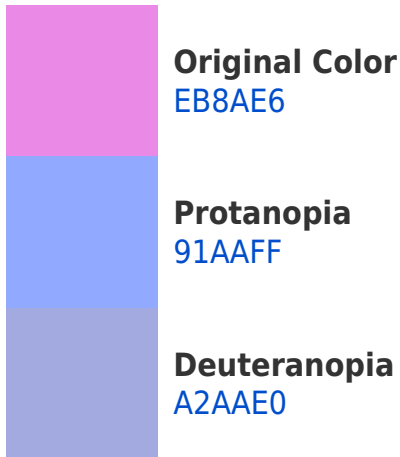


This preview shows how white text looks on a background with the Hex color EB8AE6.

# 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



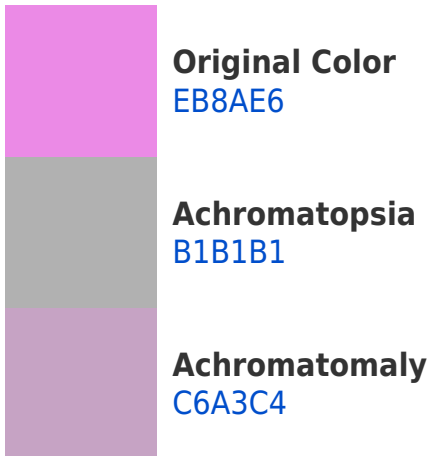


**Tritanopia**  
E398A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EB8AE6 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 #EB8AE6 looks like.

```
.text, #text, p{  
    color:#EB8AE6  
}
```

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 #EB8AE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB8AE6
}
```

## Border

The CSS property to change the border of an element to Hex EB8AE6 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
#EB8AE6 }
```

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

```
.border{ border-color:#EB8AE6 }
```

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

Here you see how a box with a 4 pixel #EB8AE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB8AE6; -webkit-box-shadow:4px 4px  
4px 4px #EB8AE6; box-shadow:4px 4px 4px  
4px #EB8AE6 }
```

# Background

The CSS property to change the background color of an element to Hex EB8AE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB8AE6 }
```

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

```
.background{ background-color:#EB8AE6 }
```

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