

# Converting Colors

Hex(E98FBA)

Have a look what the booklet for  
Hex(E98FBA) contains.

<b>Hex(E98FBA)</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(E98FBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E98FBA
RGB	233, 143, 186
RGB Percent	91%, 56%, 73%
CMY	0.0863, 0.4392, 0.2706
CMYK	0.00, 0.39, 0.20, 0.09
HSL	331°, 67%, 74%
HSV	331°, 39%, 91%
XYZ	52.2897, 40.5137, 51.5183
YIQ	174.8120, 39.8370, 32.4530

# Conversions

## Conversions Part 2

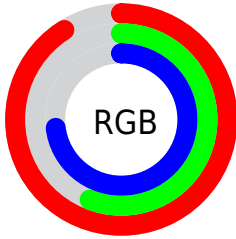
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	233, 143, 186
Decimal	15306682
CIE Lab	69.83, 39.72, -7.86
CIE LCh	70, 40.493, 348.811
Yxy	40.5137, 0.3623, 0.2807
Android (android.graphics.Color)	4293496762 (0xFFE98FBA)
YUV	174.8120, 5.5157, 51.0309
Hunter-Lab	63.6504, 35.2520, -3.4338

# Details

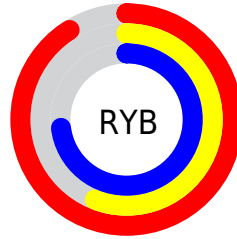
The Hex color **E98FBA** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8FE9BE**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **FFC6F2**, and **B05B85** is the 20% darker color. If you saturate the color by 10%, you get **E978AE**, and if you desaturate by 10%, it is **E9A6C6**.

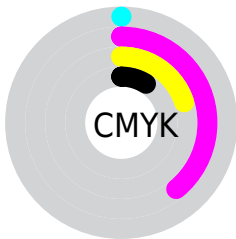
# Distribution



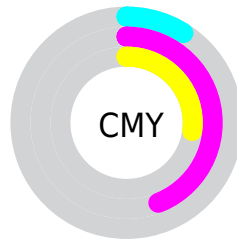
- Red (91%)
- Green (56%)
- Blue (73%)



- Red (91%)
- Yellow (56%)
- Blue (73%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (44%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E98FBA 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 E98FBA by changing the saturation by 10% instead.



 E98FBA

 E98FBA

FFFFFF

 CC749F

 FFC6F2

 B05B85

 FFE3FF

 94416C

 792853

 5E0B3C

 440027

 2F0012

 000000

 E98FBA

 E98FBA

 E978AE

 E9A6C6

 E960A2

 E9BED2

 E94995

 E9D5DF

 E93289

 E9ECEB

 E91A7D

 E9FFF7

 E90371

 E9FFFF

 E9006F

# Harmonies

## Analogous

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



CB99DB



E98FBA



F28E95

# Triad

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



E98FBA



ABB064



00BAE1

# Complementary

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



E98FBA



8FE9BE

# 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.



00BEC1



E98FBA



81B879

# Square

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



E98FBA



CEA462



4FBD9B



58B2F2

# Rectangle

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



E98FBA



ED937E



4FBD9B



00BCD8



# Sweetspot

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



E98FBA



FFE0EF



BE8FE9



806E76



000000



808080



# Same Dimension

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



E98FBA



FF8AC2



E9918F



756A6F



B50057



36001A



# Inverse Universe

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



E98FBA



FF8AC2



8FE8E9



756A6F



B50057



36001A



# Previews

## White Background



This preview shows how the Hex color E98FBA looks on a white background.

## Color Contrast Check

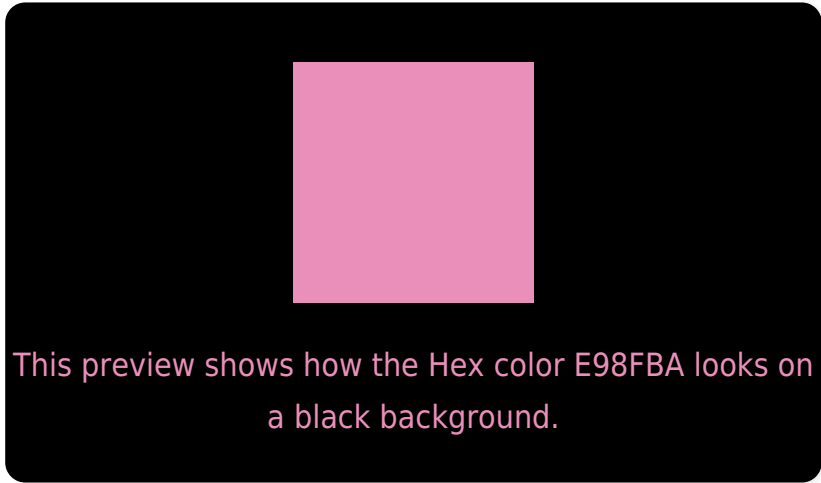
Large Text (above 18pt) WCAG AA × Fail

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 E98FBA Background



This preview shows how black text looks on a background with the Hex color E98FBA.

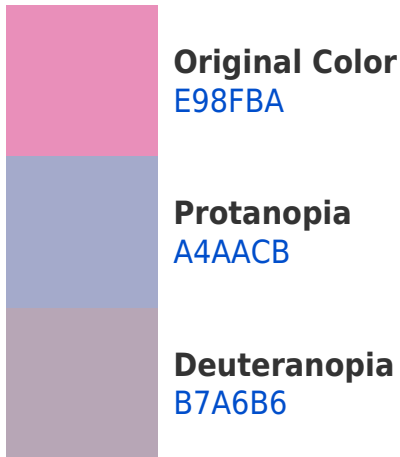


This preview shows how white text looks on a background with the Hex color E98FBA.

# 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**  
E6949F

# Trichromacy



**Original Color**  
E98FBA



**Protanomaly**  
BDA0C5



**Deuteranomaly**  
C99EB7

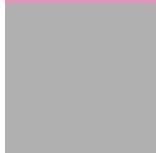


**Tritanomaly**  
E792A9

# Monochromacy



**Original Color**  
E98FBA



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
C4A3B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E98FBA 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 #E98FBA looks like.

```
.text, #text, p{  
    color:#E98FBA  
}
```

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 #E98FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E98FBA
}
```

## Border

The CSS property to change the border of an element to Hex E98FBA 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
#E98FBA }
```

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

```
.border{ border-color:#E98FBA }
```

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

Here you see how a box with a 4 pixel #E98FBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E98FBA; -webkit-box-shadow:4px 4px  
4px 4px #E98FBA; box-shadow:4px 4px 4px  
4px #E98FBA }
```

# Background

The CSS property to change the background color of an element to Hex E98FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E98FBA }
```

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

```
.background{ background-color:#E98FBA }
```

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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