

Converting Colors

Hex(EC9BB8)

Have a look what the booklet for
Hex(EC9BB8) contains.

Hex(EC9BB8)	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(EC9BB8)

Conversions

Conversions Part 1

Format	Color
Hex	EC9BB8
RGB	236, 155, 184
RGB Percent	93%, 61%, 72%
CMY	0.0745, 0.3922, 0.2784
CMYK	0.00, 0.34, 0.22, 0.07
HSL	339°, 68%, 77%
HSV	339°, 34%, 93%
XYZ	54.9651, 44.7362, 51.0854
YIQ	182.5250, 38.9670, 26.1910

Conversions

Conversions Part 2

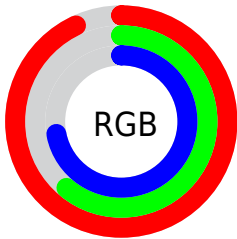
Format	Color
R _Y B	236, 155, 184
Decimal	15506360
CIE Lab	72.72, 34.16, -2.45
CIE LCh	73, 34.251, 355.903
Yxy	44.7362, 0.3645, 0.2967
Android (android.graphics.Color)	4293696440 (0xFFEC9BB8)
YUV	182.5250, 0.7272, 46.8976
Hunter-Lab	66.8852, 29.6394, 1.5352

Details

The Hex color **EC9BB8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9BECCF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD2F0**, and **B36783** is the 20% darker color. If you saturate the color by 10%, you get **EC83A9**, and if you desaturate by 10%, it is **ECB3C7**.

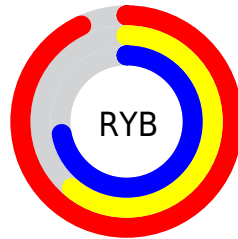
Distribution



Red (93%)

Green (61%)

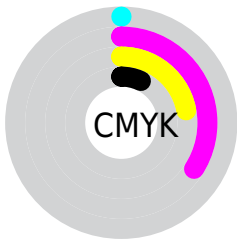
Blue (72%)



Red (93%)

Yellow (61%)

Blue (72%)

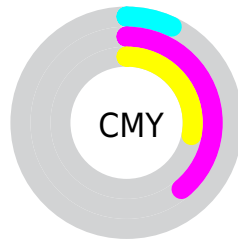


Cyan (0%)

Magenta (34%)

Yellow (22%)

Black (7%)



Cyan (7%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC9BB8 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 EC9BB8 by changing the saturation by 10% instead.

 EC9BB8

 EC9BB8

FFFFFF

 CF809D

 FFD2F0

 B36783

 FFEFFF

 974D6A

 7C3552

 611C3B

 480125

 310010

 070000

 000000

 EC9BB8

 EC9BB8

 EC83A9

 ECB3C7

 EC6C9A

 ECCAD6

 EC548B

 ECE2E5

 EC3D7B

 ECF9F5

 EC256C

 ECF9F5

 EC0D5D

 EC0054

Harmonies

Analogous

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



D6A1D6



EC9BB8



F09C99

Triad

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



EC9BB8



ACB979



54BFE5

Complementary

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



EC9BB8



9BECCF

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.



46C3CD



EC9BB8



87C08E

Square

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



EC9BB8



CCAF74



62C3AD



81B7F0

Rectangle

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



EC9BB8



EAA187



62C3AD



4AC1DE

Sweetspot

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



EC9BB8



FFE6EF



CE9BEC



807076



000000



808080

Same Dimension

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



EC9BB8



FF96BC



ECA69B



756A6E



B50041



360013

Inverse Universe

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



EC9BB8



FF96BC



9BE1EC



756A6E



B50041



360013

Previews

White Background



This preview shows how the Hex color EC9BB8 looks on a white background.

Color Contrast Check

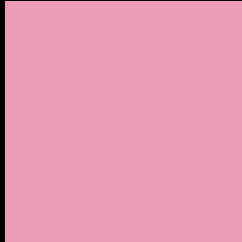
Large Text (above 18pt) WCAG AA × Fail

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 EC9BB8 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 EC9BB8 Background



This preview shows how black text looks on a background with the Hex color EC9BB8.

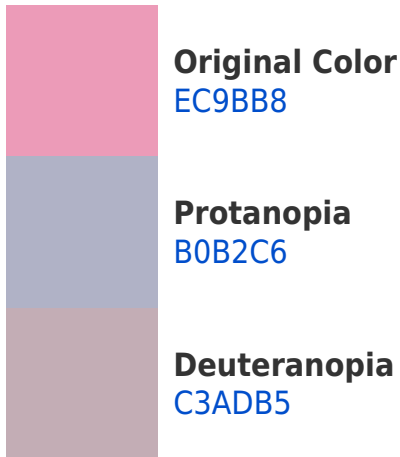


This preview shows how white text looks on a background with the Hex color EC9BB8.

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
EA9EA9

Trichromacy



Original Color
EC9BB8



Protanomaly
C6AAC1



Deuteranomaly
D2A6B6



Tritanomaly
EB9DAE

Monochromacy



Original Color
EC9BB8



Achromatopsia
B7B7B7



Achromatomaly
CAADB7

CSS Examples

Text

The CSS property to change the color of the text to Hex EC9BB8 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 #EC9BB8 looks like.

```
.text, #text, p{  
    color:#EC9BB8  
}
```

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 #EC9BB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC9BB8
}
```

Border

The CSS property to change the border of an element to Hex EC9BB8 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
#EC9BB8 }
```

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

```
.border{ border-color:#EC9BB8 }
```

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

Here you see how a box with a 4 pixel #EC9BB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC9BB8; -webkit-box-shadow:4px 4px  
4px 4px #EC9BB8; box-shadow:4px 4px 4px  
4px #EC9BB8 }
```

Background

The CSS property to change the background color of an element to Hex EC9BB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC9BB8 }
```

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

```
.background{ background-color:#EC9BB8 }
```

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