

# Converting Colors

Hex(EC8CA9)

Have a look what the booklet for  
Hex(EC8CA9) contains.

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# **Color**

**Hex(EC8CA9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC8CA9
RGB	236, 140, 169
RGB Percent	93%, 55%, 66%
CMY	0.0745, 0.4510, 0.3373
CMYK	0.00, 0.41, 0.28, 0.07
HSL	342°, 72%, 74%
HSV	342°, 41%, 93%
XYZ	51.1316, 39.4536, 42.4565
YIQ	172.0100, 47.9070, 29.3710

# Conversions

## Conversions Part 2

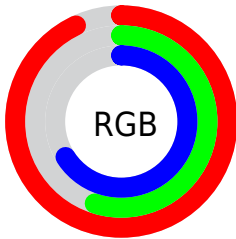
Format	Color
R <sub>Y</sub> B	236, 140, 169
Decimal	15502505
CIE Lab	69.08, 39.93, 0.57
CIE LCh	69, 39.936, 0.823
Yxy	39.4536, 0.3843, 0.2966
Android (android.graphics.Color)	4293692585 (0xFFEC8CA9)
YUV	172.0100, -1.4839, 56.1192
Hunter-Lab	62.8121, 35.3850, 3.8927

# Details

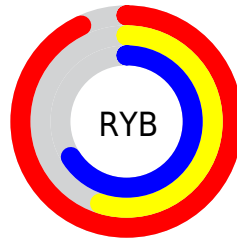
The Hex color **EC8CA9** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CECCF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC3E0**, and **B25875** is the 20% darker color. If you saturate the color by 10%, you get **EC7499**, and if you desaturate by 10%, it is **ECA4B9**.

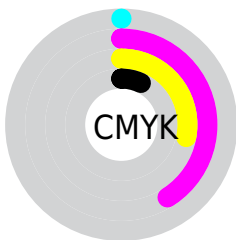
# Distribution



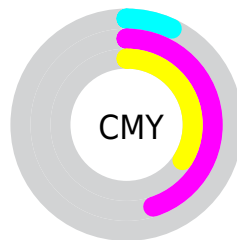
- Red (93%)
- Green (55%)
- Blue (66%)



- Red (93%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (41%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC8CA9 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 EC8CA9 by changing the saturation by 10% instead.



 EC8CA9

 EC8CA9

FFFFFF

 CF718F

 FFC3E0

 B25875

 FFDFFD

 963E5C

 FFFCFE

 7A2445

 5F052F

 45001A

 2F0002

 000000

 EC8CA9

 EC8CA9

 EC7499

 ECA4B9

 EC5D88

 ECBBCA

 EC4578

 ECD3DA

 EC2E67

 ECEAEB

 EC1657

 ECFFFB

 EC0047

 ECFFFF

# Harmonies

## Analogous

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



D792CC



EC8CA9



ED8F85

# Triad

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



EC8CA9



99B169



26B6E7

# Complementary

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



EC8CA9



8CECCF

# 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.



00BBCC



EC8CA9



6DB984

# Square

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



EC8CA9



BFA75F



36BCA8



74ACF1

# Rectangle

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



EC8CA9



E49672



36BCA8



00B8E0



# Sweetspot

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



EC8CA9



FFE0EA



CE8CEC



806E73



000000



808080



# Same Dimension

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



EC8CA9



FF82A8



EC9E8C



756A6D



B50037



360010



# Inverse Universe

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



EC8CA9



FF82A8



8CDAEC



756A6D



B50037



360010



# Previews

## White Background



This preview shows how the Hex color EC8CA9 looks on a white background.

## Color Contrast Check

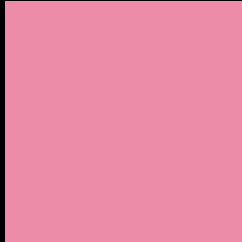
Large Text (above 18pt) WCAG AA × Fail

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 EC8CA9 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 EC8CA9 Background



This preview shows how black text looks on a background with the Hex color EC8CA9.

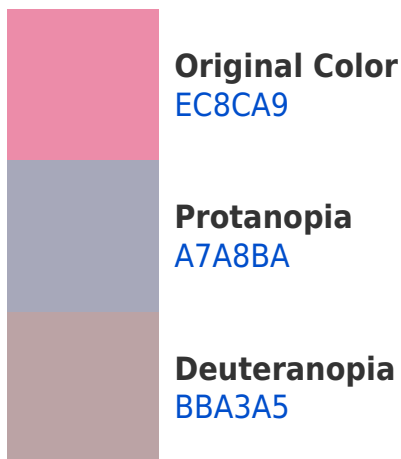


This preview shows how white text looks on a background with the Hex color EC8CA9.

# 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**  
EA8F99

# Trichromacy



**Original Color**  
EC8CA9



**Protanomaly**  
C09EB4



**Deuteranomaly**  
CD9BA6



**Tritanomaly**  
EB8E9F

# Monochromacy



**Original Color**  
EC8CA9



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C3A0AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC8CA9 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 #EC8CA9 looks like.

```
.text, #text, p{  
    color:#EC8CA9  
}
```

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 #EC8CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC8CA9
}
```

## Border

The CSS property to change the border of an element to Hex EC8CA9 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
#EC8CA9 }
```

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

```
.border{ border-color:#EC8CA9 }
```

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

Here you see how a box with a 4 pixel #EC8CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC8CA9; -webkit-box-shadow:4px 4px  
4px 4px #EC8CA9; box-shadow:4px 4px 4px  
4px #EC8CA9 }
```

# Background

The CSS property to change the background color of an element to Hex EC8CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC8CA9 }
```

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

```
.background{ background-color:#EC8CA9 }
```

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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