

# Converting Colors

Hex(ECA4D8)

Have a look what the booklet for  
Hex(ECA4D8) contains.

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# **Color**

**Hex(ECA4D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECA4D8
RGB	236, 164, 216
RGB Percent	93%, 64%, 85%
CMY	0.0745, 0.3569, 0.1529
CMYK	0.00, 0.31, 0.08, 0.07
HSL	317°, 65%, 78%
HSV	317°, 31%, 93%
XYZ	60.2622, 49.3417, 71.3135
YIQ	191.4560, 26.2200, 31.4360

# Conversions

## Conversions Part 2

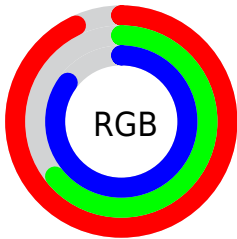
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 164, 216
Decimal	15508696
CIE Lab	75.66, 34.44, -15.65
CIE LCh	76, 37.829, 335.568
Yxy	49.3417, 0.3331, 0.2727
Android (android.graphics.Color)	4293698776 (0xFFECA4D8)
YUV	191.4560, 12.1002, 39.0651
Hunter-Lab	70.2436, 30.2093, -11.0225

# Details

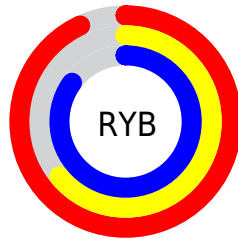
The Hex color **ECA4D8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A4ECB8**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFDCFF**, and **B36FA1** is the 20% darker color. If you saturate the color by 10%, you get **EC8CD1**, and if you desaturate by 10%, it is **ECBCDF**.

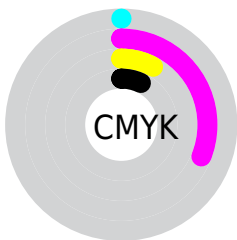
# Distribution



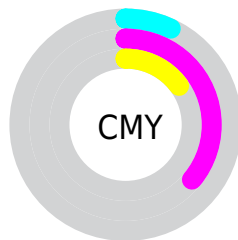
- Red (93%)
- Green (64%)
- Blue (85%)



- Red (93%)
- Yellow (64%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA4D8 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 ECA4D8 by changing the saturation by 10% instead.



 ECA4D8

 ECA4D8

FFFFFF

 CF89BC

 FFDCFF

 B36FA1

 FFF9FF

 985687

 7D3D6D

 632555

 4A0B3E

 320028

 190012

 000000

 ECA4D8

 ECA4D8

 EC8CD1

 ECBCDF

 EC75CB

 ECD3E5

 EC5DC4

 ECEBEC

 EC46BE

 ECFFF2

 EC2EB7

 ECFFF9

 EC16B1

 ECFFFF

 EC00AA

# Harmonies

## Analogous

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



C7AFF3



ECA4D8



FEA0B5

# Triad

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



ECA4D8



CCBA74



36CCE2

# Complementary

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



ECA4D8



A4ECB8

# 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.



50CDC0



ECA4D8



A6C481

# Square

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



ECA4D8



EAAE7C



7CCB9C



5BC6F9

# Rectangle

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



ECA4D8



FFA29E



7CCB9C



39CDD7



# Sweetspot

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



ECA4D8



FFE8F9



B7A4EC



80717C



000000



808080



# Same Dimension

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



ECA4D8



FFA1E5



ECA4B5



756A72



B50083



360027



# Inverse Universe

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



ECA4D8



FFA1E5



A4ECDB



756A72



B50083



360027



# Previews

## White Background



This preview shows how the Hex color ECA4D8 looks on a white background.

## Color Contrast Check

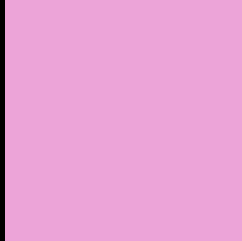
Large Text (above 18pt) WCAG AA × Fail

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 ECA4D8 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 ECA4D8 Background



This preview shows how black text looks on a background with the Hex color ECA4D8.

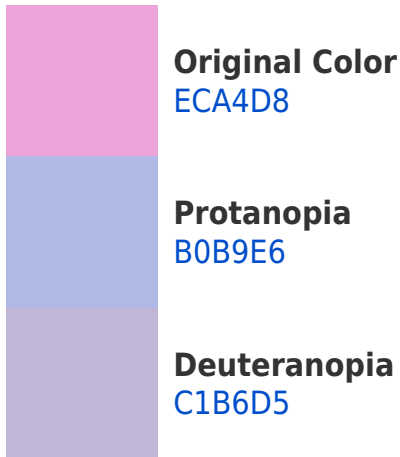


This preview shows how white text looks on a background with the Hex color ECA4D8.

# 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**  
E8AAB7

# Trichromacy



**Original Color**  
ECA4D8



**Protanomaly**  
C6B1E1



**Deuteranomaly**  
D1AFD6

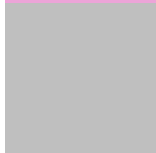


**Tritanomaly**  
E9A8C3

# Monochromacy



**Original Color**  
ECA4D8



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
CFB5C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA4D8 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 #ECA4D8 looks like.

```
.text, #text, p{  
    color:#ECA4D8  
}
```

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 #ECA4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA4D8
}
```

## Border

The CSS property to change the border of an element to Hex ECA4D8 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
#ECA4D8 }
```

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

```
.border{ border-color:#ECA4D8 }
```

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

Here you see how a box with a 4 pixel #ECA4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA4D8; -webkit-box-shadow:4px 4px  
4px 4px #ECA4D8; box-shadow:4px 4px 4px  
4px #ECA4D8 }
```

# Background

The CSS property to change the background color of an element to Hex ECA4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA4D8 }
```

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

```
.background{ background-color:#ECA4D8 }
```

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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