

# Converting Colors

Hex(ECA3DD)

Have a look what the booklet for  
Hex(ECA3DD) contains.

<b>Hex(ECA3DD)</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(ECA3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA3DD
RGB	236, 163, 221
RGB Percent	93%, 64%, 87%
CMY	0.0745, 0.3608, 0.1333
CMYK	0.00, 0.31, 0.06, 0.07
HSL	312°, 66%, 78%
HSV	312°, 31%, 93%
XYZ	60.7404, 49.2477, 74.7110
YIQ	191.4390, 24.8900, 33.5140

# Conversions

## Conversions Part 2

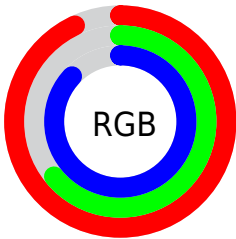
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 163, 221
Decimal	15508445
CIE <sub>Lab</sub>	75.61, 35.83, -18.46
CIE <sub>LCh</sub>	76, 40.303, 332.736
Yxy	49.2477, 0.3289, 0.2666
Android (android.graphics.Color)	4293698525 (0xFFECA3DD)
YUV	191.4390, 14.5736, 39.0800
Hunter-Lab	70.1767, 31.6888, -13.9972

# Details

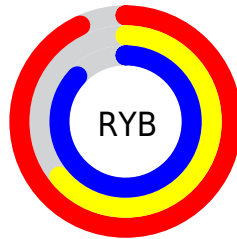
The Hex color **ECA3DD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3ECB2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFDBFF**, and **B36EA6** is the 20% darker color. If you saturate the color by 10%, you get **EC8BD8**, and if you desaturate by 10%, it is **ECBBE2**.

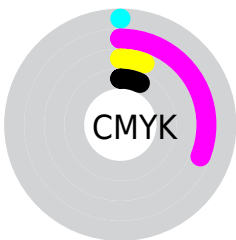
# Distribution



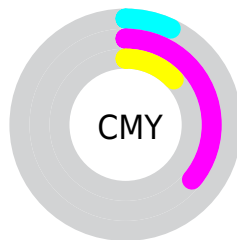
- Red (93%)
- Green (64%)
- Blue (87%)



- Red (93%)
- Yellow (64%)
- Blue (87%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (36%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA3DD 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 ECA3DD by changing the saturation by 10% instead.



 ECA3DD

 ECA3DD

FFFFFF

 CF88C1

 FFDBFF

 B36EA6

 FFF8FF

 98558B

 7D3C72

 632459

 4A0942

 32002B

 190016

 000000

 ECA3DD

 ECA3DD

 EC8BD8

 ECBBE2

 EC74D3

 ECD2E7

 EC5CCE

 ECEAEC

 EC45CA

 ECFFF0

 EC2DC5

 ECFFF5

 EC15C0

 ECFFFA

 EC00BC

 ECFFFF

# Harmonies

## Analogous

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



C3AFF9



ECA3DD



FF9DB8

# Triad

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



ECA3DD



CFB96F



15CDE1

# Complementary

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



ECA3DD



A3ECB2

# 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.



48CEBD



ECA3DD



A8C47A

# Square

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



ECA3DD



EFAC79



7BCB97



47C7FB

# Rectangle

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



ECA3DD



FF9F9F



7BCB97



22CED6



# Sweetspot

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



ECA3DD



FFE8FA



B2A3EC



80717D



000000



808080



# Same Dimension

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



ECA3DD



FFA1EC



ECA3B9



756A73



B50090



36002B



# Inverse Universe

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



ECA3DD



FFA1EC



A3ECD6



756A73



B50090



36002B



# Previews

## White Background



This preview shows how the Hex color ECA3DD looks on a white background.

## Color Contrast Check

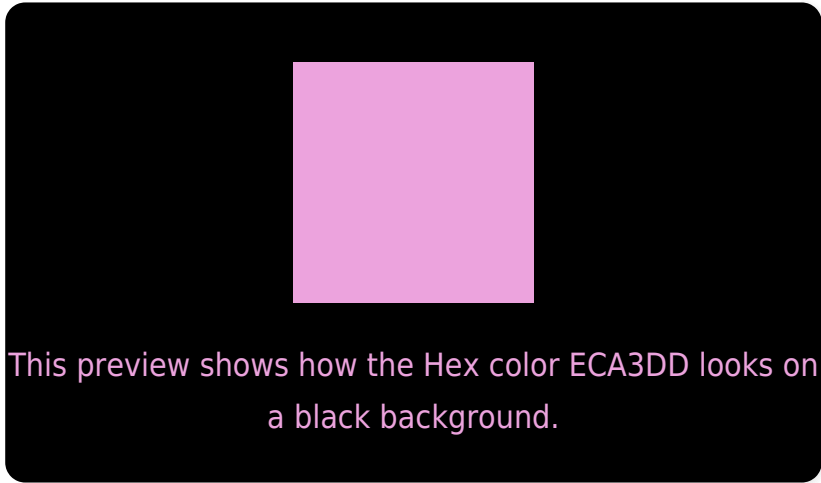
Large Text (above 18pt) WCAG AA × Fail

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 ECA3DD Background



This preview shows how black text looks on a background with the Hex color ECA3DD.

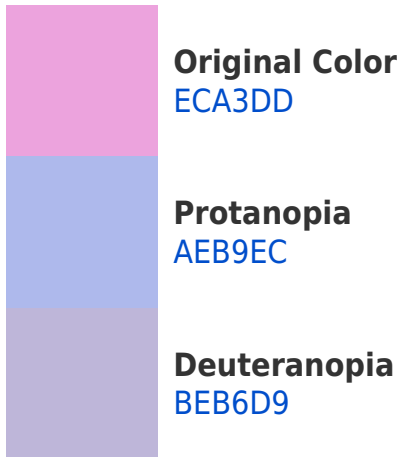


This preview shows how white text looks on a background with the Hex color ECA3DD.

# 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**  
E7AAB7

# Trichromacy



**Original Color**  
ECA3DD



**Protanomaly**  
C5B1E7



**Deuteranomaly**  
CFAFDA

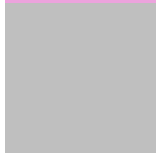


**Tritanomaly**  
E9A7C5

# Monochromacy



**Original Color**  
ECA3DD



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
CFB5CA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA3DD 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 #ECA3DD looks like.

```
.text, #text, p{  
    color:#ECA3DD  
}
```

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 #ECA3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA3DD }  
}
```

## Border

The CSS property to change the border of an element to Hex ECA3DD 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 #ECA3DD }  
}
```

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

```
.border{ border-color:#ECA3DD }
```

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

Here you see how a box with a 4 pixel #ECA3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA3DD; -webkit-box-shadow:4px 4px  
4px 4px #ECA3DD; box-shadow:4px 4px 4px  
4px #ECA3DD }
```

# Background

The CSS property to change the background color of an element to Hex ECA3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA3DD }
```

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

```
.background{ background-color:#ECA3DD }
```

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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