

# Converting Colors

Hex(ECA5DE)

Have a look what the booklet for  
Hex(ECA5DE) contains.

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# **Color**

**Hex(ECA5DE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ECA5DE
RGB	236, 165, 222
RGB Percent	93%, 65%, 87%
CMY	0.0745, 0.3529, 0.1294
CMYK	0.00, 0.30, 0.06, 0.07
HSL	312°, 65%, 79%
HSV	312°, 30%, 93%
XYZ	61.2320, 50.0171, 75.5342
YIQ	192.7270, 24.0190, 32.7790

# Conversions

## Conversions Part 2

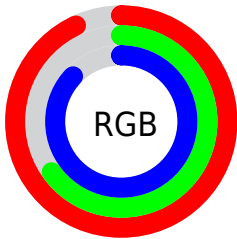
Format	Color
R <sub>Y</sub> B	236, 165, 222
Decimal	15508958
CIE Lab	76.08, 34.94, -18.29
CIE LCh	76, 39.436, 332.368
Yxy	50.0171, 0.3278, 0.2678
Android (android.graphics.Color)	4293699038 (0xFFECA5DE)
YUV	192.7270, 14.4316, 37.9504
Hunter-Lab	70.7227, 30.7812, -13.8178

# Details

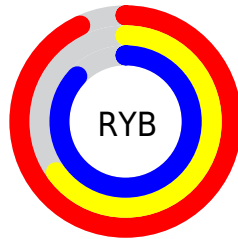
The Hex color **ECA5DE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A5ECB3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFDDFF**, and **B370A7** is the 20% darker color. If you saturate the color by 10%, you get **EC8DD9**, and if you desaturate by 10%, it is **ECBDE3**.

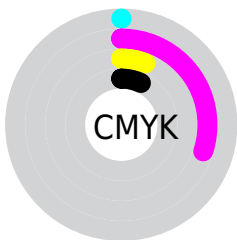
# Distribution



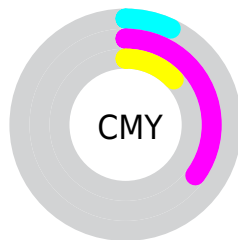
- Red (93%)
- Green (65%)
- Blue (87%)



- Red (93%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA5DE 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 ECA5DE by changing the saturation by 10% instead.



 ECA5DE

 ECA5DE

FFFFFF

 CF8AC2

 FFDDFF

 B370A7

 FFFAFF

 98578C

 7D3E73

 63265A

 4A0C42

 32002C

 1A0017

 000000

 ECA5DE

 ECA5DE

 EC8DD9

 ECBDE3

 EC76D5

 ECD4E7

 EC5ED0

 ECECEC

 EC47CB

 ECFFF1

 EC2FC7

 ECFFF5

 EC17C2

 ECFFFA

 EC00BD

 ECFFFF

# Harmonies

## Analogous

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



C4B1F9



ECA5DE



FF9FBA

# Triad

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



ECA5DE



D1BA72



27CEE1

# Complementary

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



ECA5DE



A5ECB3

# 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.



4ECFBD



ECA5DE



ABC57D

# Square

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



ECA5DE



EFAE7C



7FCC99



4EC8FB

# Rectangle

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



ECA5DE



FFA1A2



7FCC99



2FCFD6



# Sweetspot

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



ECA5DE



FFE8FA



B2A5EC



80717D



000000



808080



# Same Dimension

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



ECA5DE



FFA3ED



ECA5BB



756A73



B50091



36002B



# Inverse Universe

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



ECA5DE



FFA3ED



A5ECD6



756A73



B50091

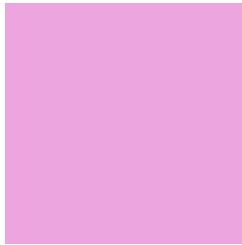


36002B



# Previews

## White Background



This preview shows how the Hex color ECA5DE looks on a white background.

## Color Contrast Check

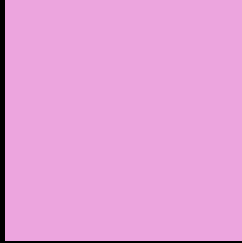
Large Text (above 18pt) WCAG AA × Fail

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 ECA5DE 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 ECA5DE Background



This preview shows how black text looks on a background with the Hex color ECA5DE.

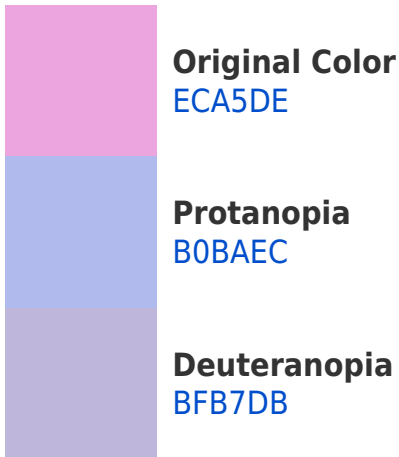


This preview shows how white text looks on a background with the Hex color ECA5DE.

# 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**  
E7ACB9

# Trichromacy



**Original Color**  
ECA5DE



**Protanomaly**  
C6B2E7



**Deuteranomaly**  
CFB0DC

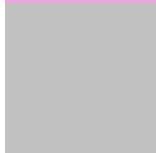


**Tritanomaly**  
E9A9C6

# Monochromacy



**Original Color**  
ECA5DE



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
D1B7CC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA5DE 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 #ECA5DE looks like.

```
.text, #text, p{  
    color:#ECA5DE  
}
```

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 #ECA5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA5DE
}
```

## Border

The CSS property to change the border of an element to Hex ECA5DE 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
#ECA5DE }
```

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

```
.border{ border-color:#ECA5DE }
```

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

Here you see how a box with a 4 pixel #ECA5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA5DE; -webkit-box-shadow:4px 4px  
4px 4px #ECA5DE; box-shadow:4px 4px 4px  
4px #ECA5DE }
```

# Background

The CSS property to change the background color of an element to Hex ECA5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA5DE }
```

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

```
.background{ background-color:#ECA5DE }
```

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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