

# Converting Colors

Hex(ECA6C4)

Have a look what the booklet for  
Hex(ECA6C4) contains.

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# **Color**

**Hex(ECA6C4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECA6C4
RGB	236, 166, 196
RGB Percent	93%, 65%, 77%
CMY	0.0745, 0.3490, 0.2314
CMYK	0.00, 0.30, 0.17, 0.07
HSL	334°, 65%, 79%
HSV	334°, 30%, 93%
XYZ	58.1921, 49.0908, 58.6330
YIQ	190.3500, 32.0900, 24.1700

# Conversions

## Conversions Part 2

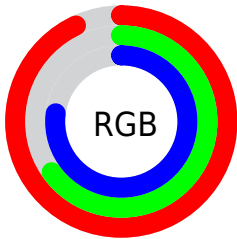
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 166, 196
Decimal	15509188
CIE Lab	75.51, 30.14, -4.94
CIE LCh	76, 30.538, 350.688
Yxy	49.0908, 0.3507, 0.2959
Android (android.graphics.Color)	4293699268 (0xFFECA6C4)
YUV	190.3500, 2.7855, 40.0351
Hunter-Lab	70.0648, 25.6390, -0.5708

# Details

The Hex color **ECA6C4** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **A6ECCE**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDEFD**, and **B3718E** is the 20% darker color. If you saturate the color by 10%, you get **EC8EB7**, and if you desaturate by 10%, it is **ECBED1**.

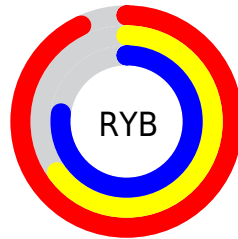
# Distribution



Red (93%)

Green (65%)

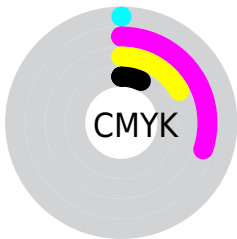
Blue (77%)



Red (93%)

Yellow (65%)

Blue (77%)

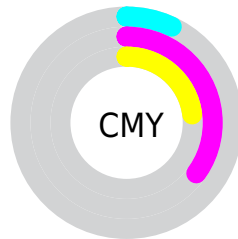


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (7%)



Cyan (7%)

Magenta (35%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECA6C4 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 ECA6C4 by changing the saturation by 10% instead.



 ECA6C4

 ECA6C4

FFFFFF

 CF8BA9

 FFDEFD

 B3718E

 FFFAFF

 985875

 7D405C

 632845

 4A102E

 31001A

 170000

 000000

 ECA6C4

 ECA6C4

 EC8EB7

 ECBED1

 EC77A9

 ECD5DF

 EC5F9C

 ECEDEC

 EC488E

 ECFFFA

 EC3081

 ECFFFF

 EC1873

 EC0166

 EC0065

# Harmonies

## Analogous

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



D5ACDE



ECA6C4



F3A6A7

# Triad

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



ECA6C4



BABE85



69C6E5

# Complementary

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



ECA6C4



A6ECCE

# 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.



64C9CD



ECA6C4



9AC596

# Square

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



ECA6C4



D6B583



7AC9B0



89BFF1

# Rectangle

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



ECA6C4



EFA997



7AC9B0



63C8DE



# Sweetspot

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



ECA6C4



FFE8F2



CEA6EC



807177



000000



808080



# Same Dimension

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



ECA6C4



FFA3CB



ECABA6



756A6F



B5004E



360017



# Inverse Universe

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



ECA6C4



FFA3CB



A6E7EC



756A6F



B5004E

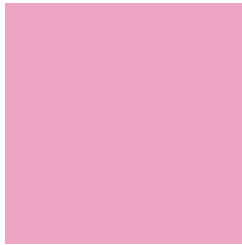


360017



# Previews

## White Background



This preview shows how the Hex color ECA6C4 looks on a white background.

## Color Contrast Check

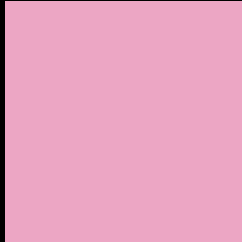
Large Text (above 18pt) WCAG AA × Fail

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 ECA6C4 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 ECA6C4 Background



This preview shows how black text looks on a background with the Hex color ECA6C4.

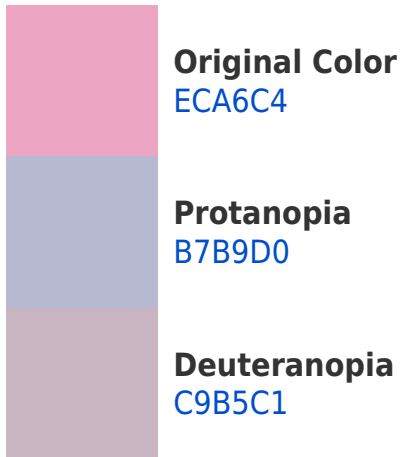


This preview shows how white text looks on a background with the Hex color ECA6C4.

# 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**  
EAA9B5

# Trichromacy



**Original Color**  
ECA6C4



**Protanomaly**  
CAB2CC



**Deuteranomaly**  
D6B0C2

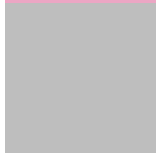


**Tritanomaly**  
EBA8BA

# Monochromacy



**Original Color**  
ECA6C4



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
CFB5C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECA6C4 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 #ECA6C4 looks like.

```
.text, #text, p{  
    color:#ECA6C4  
}
```

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 #ECA6C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECA6C4
}
```

## Border

The CSS property to change the border of an element to Hex ECA6C4 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
#ECA6C4 }
```

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

```
.border{ border-color:#ECA6C4 }
```

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

Here you see how a box with a 4 pixel #ECA6C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECA6C4; -webkit-box-shadow:4px 4px  
4px 4px #ECA6C4; box-shadow:4px 4px 4px  
4px #ECA6C4 }
```

# Background

The CSS property to change the background color of an element to Hex ECA6C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECA6C4 }
```

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

```
.background{ background-color:#ECA6C4 }
```

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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