

# Converting Colors

Hex(ECB5D5)

Have a look what the booklet for  
Hex(ECB5D5) contains.

<b>Hex(ECB5D5)</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(ECB5D5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ECB5D5
RGB	236, 181, 213
RGB Percent	93%, 71%, 84%
CMY	0.0745, 0.2902, 0.1647
CMYK	0.00, 0.23, 0.10, 0.07
HSL	325°, 59%, 82%
HSV	325°, 23%, 93%
XYZ	63.1262, 55.6847, 70.3719
YIQ	201.0930, 22.5080, 21.6120

# Conversions

## Conversions Part 2

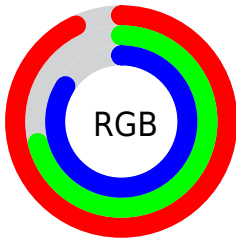
Format	Color
R <sub>Y</sub> B	236, 181, 213
Decimal	15513045
CIE Lab	79.43, 24.89, -8.38
CIE LCh	79, 26.260, 341.396
Yxy	55.6847, 0.3337, 0.2943
Android (android.graphics.Color)	4293703125 (0xFFECB5D5)
YUV	201.0930, 5.8702, 30.6134
Hunter-Lab	74.6222, 20.4122, -3.6775

# Details

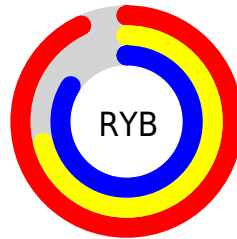
The Hex color **ECB5D5** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B5ECCC**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEDFF**, and **B4809E** is the 20% darker color. If you saturate the color by 10%, you get **EC9DCB**, and if you desaturate by 10%, it is **ECCDDF**.

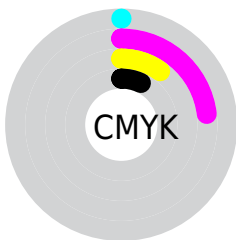
# Distribution



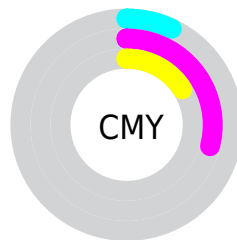
- Red (93%)
- Green (71%)
- Blue (84%)



- Red (93%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (23%)
- Yellow (10%)
- Black (7%)



- Cyan (7%)
- Magenta (29%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ECB5D5 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 ECB5D5 by changing the saturation by 10% instead.



 ECB5D5

 ECB5D5

FFFFFF

 CF9AB9

 FFEDFF

 B4809E

 986684

 7E4E6B

 643653

 4C203C

 340926

 210011

 000000

 ECB5D5

 ECB5D5

 EC9DCB

 ECCDDF

 EC86C1

 ECE4E9

 EC6EB7

 ECFCF3

 EC57AE

 ECFFFC

 EC3FA4

 ECFFFF

 EC279A

 EC1090

 EC0089

# Harmonies

## Analogous

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



D4BBEA



ECB5D5



F7B3BC

# Triad

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



ECB5D5



CDC695



80D1E4

# Complementary

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



ECB5D5



B5ECCC

# 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.



82D3CE



ECB5D5



B2CDA0

# Square

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



ECB5D5



E5BE97



97D1B4



94CCF2

# Rectangle

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



ECB5D5



F6B5AC



97D1B4



7ED2DD



# Sweetspot

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



ECB5D5



FFEDF8



CCB5EC



80757B



000000



808080



# Same Dimension

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



ECB5D5



FFB8E1



ECB5BA



756A70



B50069



36001F



# Inverse Universe

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



ECB5D5



FFB8E1



B5ECE7



756A70



B50069

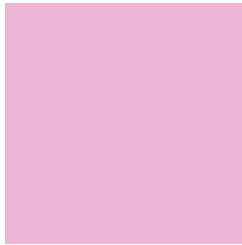


36001F



# Previews

## White Background



This preview shows how the Hex color ECB5D5 looks on a white background.

## Color Contrast Check

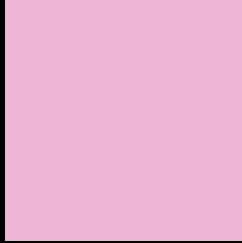
Large Text (above 18pt) WCAG AA × Fail

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 ECB5D5 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 ECB5D5 Background



This preview shows how black text looks on a background with the Hex color ECB5D5.

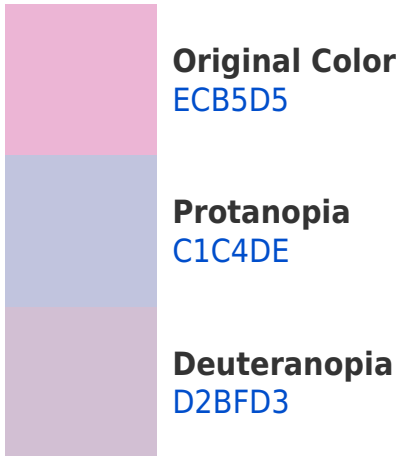


This preview shows how white text looks on a background with the Hex color ECB5D5.

# 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**  
EAB8C6

# Trichromacy



**Original Color**  
ECB5D5



**Protanomaly**  
D1BFDB



**Deuteranomaly**  
DBBBD4



**Tritanomaly**  
EBB7CB

# Monochromacy



**Original Color**  
ECB5D5



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D6C2CD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ECB5D5 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 #ECB5D5 looks like.

```
.text, #text, p{  
    color:#ECB5D5  
}
```

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 #ECB5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ECB5D5
}
```

## Border

The CSS property to change the border of an element to Hex ECB5D5 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
#ECB5D5 }
```

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

```
.border{ border-color:#ECB5D5 }
```

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

Here you see how a box with a 4 pixel #ECB5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ECB5D5; -webkit-box-shadow:4px 4px  
4px 4px #ECB5D5; box-shadow:4px 4px 4px  
4px #ECB5D5 }
```

# Background

The CSS property to change the background color of an element to Hex ECB5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ECB5D5 }
```

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

```
.background{ background-color:#ECB5D5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor