

# Converting Colors

Hex(EEB5D6)

Have a look what the booklet for  
Hex(EEB5D6) contains.

<b>Hex(EEB5D6)</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(EEB5D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB5D6
RGB	238, 181, 214
RGB Percent	93%, 71%, 84%
CMY	0.0667, 0.2902, 0.1608
CMYK	0.00, 0.24, 0.10, 0.07
HSL	325°, 63%, 82%
HSV	325°, 24%, 93%
XYZ	63.9214, 56.0799, 71.0738
YIQ	201.8050, 23.3790, 22.3470

# Conversions

## Conversions Part 2

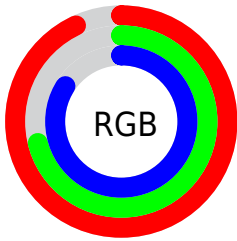
Format	Color
R <sub>Y</sub> B	238, 181, 214
Decimal	15644118
CIE Lab	79.66, 25.74, -8.56
CIE LCh	80, 27.128, 341.601
Yxy	56.0799, 0.3345, 0.2935
Android (android.graphics.Color)	4293834198 (0xFFEEB5D6)
YUV	201.8050, 6.0121, 31.7430
Hunter-Lab	74.8865, 21.3119, -3.8508

# Details

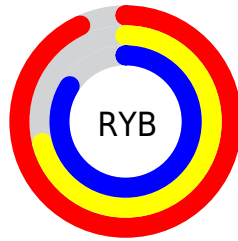
The Hex color **EEB5D6** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **B5EECD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFEDFF**, and **B5809F** is the 20% darker color. If you saturate the color by 10%, you get **EE9DCC**, and if you desaturate by 10%, it is **EECDE0**.

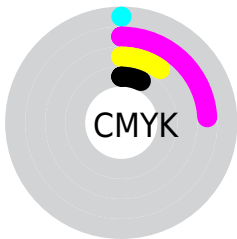
# Distribution



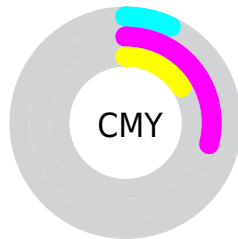
- Red (93%)
- Green (71%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (10%)
- Black (7%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color EEB5D6 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 EEB5D6 by changing the saturation by 10% instead.



 EEB5D6

 EEB5D6

FFFFFF

 D19ABA

 FFEDFF

 B5809F

 9A6685

 804E6C

 663654

 4D1F3D

 350827

 230012

 000000

 EEB5D6

 EEB5D6

 EE9DCC

 EECDE0

 EE85C2

 EEE5EA

 EE6EB8

 EEFCF4

 EE56AE

 EEFFFE

 EE3EA4

 EEFFFF

 EE269A

 EE0E90

 EE008A

# Harmonies

## Analogous

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



D6BCEB



EEB5D6



F9B3BC

# Triad

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



EEB5D6



CEC794



7ED2E6

# Complementary

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



EEB5D6



B5EECD

# 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.



80D4CF



EEB5D6



B2CE9F

# Square

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



EEB5D6



E6BE96



95D2B5



92CCF5

# Rectangle

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



EEB5D6



F8B5AC



95D2B5



7CD3DF



# Sweetspot

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



EEB5D6



FFEDF7



CDB5EE



80757B



000000



808080



# Same Dimension

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



EEB5D6



FFB5E0



EEB5BA



786C73



B8006A



380020



# Inverse Universe

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



EEB5D6



FFB5E0



B5EEE9



786C73



B8006A

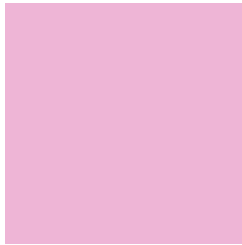


380020



# Previews

## White Background



This preview shows how the Hex color EEB5D6 looks on a white background.

## Color Contrast Check

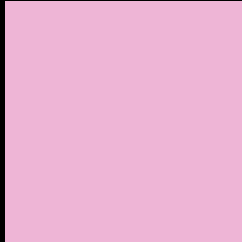
Large Text (above 18pt) WCAG AA × Fail

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 EEB5D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

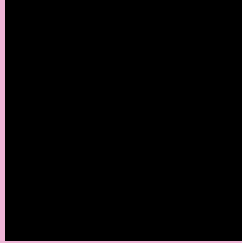
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EEB5D6 Background



This preview shows how black text looks on a background with the Hex color EEB5D6.

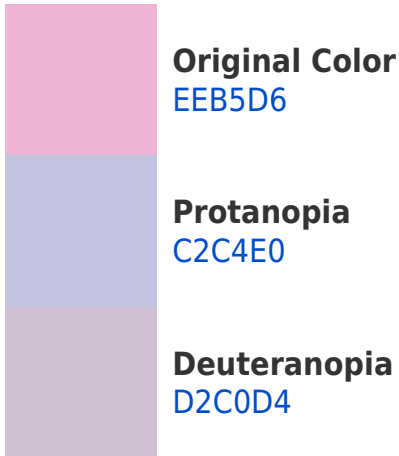


This preview shows how white text looks on a background with the Hex color EEB5D6.

# 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



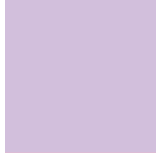


**Tritanopia**  
ECB8C6

# Trichromacy



**Original Color**  
EEB5D6



**Protanomaly**  
D2BFDC



**Deuteranomaly**  
DCBCD5

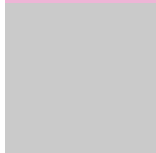


**Tritanomaly**  
EDB7CC

# Monochromacy



**Original Color**  
EEB5D6



**Achromatopsia**  
CACACA



**Achromatomaly**  
D7C2CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EEB5D6 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 #EEB5D6 looks like.

```
.text, #text, p{  
    color:#EEB5D6  
}
```

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 #EEB5D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EEB5D6  
}
```

## Border

The CSS property to change the border of an element to Hex EEB5D6 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  
#EEB5D6 }
```

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

```
.border{ border-color:#EEB5D6 }
```

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

Here you see how a box with a 4 pixel #EEB5D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EEB5D6; -webkit-box-shadow:4px 4px  
4px 4px #EEB5D6; box-shadow:4px 4px 4px  
4px #EEB5D6 }
```

# Background

The CSS property to change the background color of an element to Hex EEB5D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EEB5D6 }
```

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

```
.background{ background-color:#EEB5D6 }
```

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