

# Converting Colors

Hex(EBA4D2)

Have a look what the booklet for  
Hex(EBA4D2) contains.

<b>Hex(EBA4D2)</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(EBA4D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBA4D2
RGB	235, 164, 210
RGB Percent	92%, 64%, 82%
CMY	0.0784, 0.3569, 0.1765
CMYK	0.00, 0.30, 0.11, 0.08
HSL	321°, 64%, 78%
HSV	321°, 30%, 92%
XYZ	59.1693, 48.8662, 67.2863
YIQ	190.4730, 27.5500, 29.3580

# Conversions

## Conversions Part 2

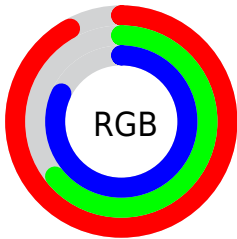
Format	Color
R <sub>Y</sub> B	235, 164, 210
Decimal	15443154
CIE Lab	75.37, 33.10, -12.82
CIE LCh	75, 35.498, 338.825
Yxy	48.8662, 0.3375, 0.2787
Android (android.graphics.Color)	4293633234 (0xFFEBA4D2)
YUV	190.4730, 9.6268, 39.0502
Hunter-Lab	69.9044, 28.7553, -8.1364

# Details

The Hex color **EBA4D2** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A4EBBD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDCFF**, and **B26F9B** is the 20% darker color. If you saturate the color by 10%, you get **EB8DCA**, and if you desaturate by 10%, it is **EBBCDA**.

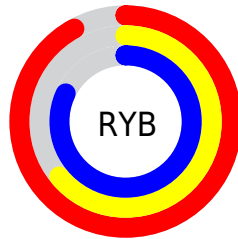
# Distribution



Red (92%)

Green (64%)

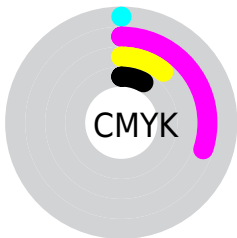
Blue (82%)



Red (92%)

Yellow (64%)

Blue (82%)

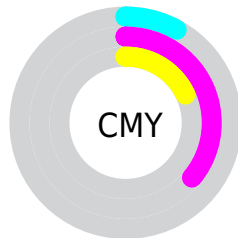


Cyan (0%)

Magenta (30%)

Yellow (11%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBA4D2 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 EBA4D2 by changing the saturation by 10% instead.



 EBA4D2

 EBA4D2

FFFFFF

 CE89B6

 FFDCFF

 B26F9B

 FFF8FF

 975681

 7C3D68

 622550

 490C39

 310024

 17000C

 000000

 EBA4D2

 EBA4D2

 EB8DCA

 EBBCDA

 EB75C1

 EBD3E3

 EB5EB9

 EBEBEB

 EB46B1

 EBFFF3

 EB2FA9

 EBFFFB

 EB17A0

 EBFFFF

 EB0098

# Harmonies

## Analogous

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



CAAEEED



EBA4D2



FAA1B1

# Triad

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



EBA4D2



C6BB78



48CAE2

# Complementary

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



EBA4D2



A4EBBD

# 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.



56CCC3



EBA4D2



A3C486

# Square

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



EBA4D2



E4B07D



7BCAA1



69C3F6

# Rectangle

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



EBA4D2



F9A39C



7BCAA1



47CBD8



# Sweetspot

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



EBA4D2



FFE8F7



BDA4EB



80717B



000000



808080



# Same Dimension

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



EBA4D2



FFA3DF



EBA4AF



756A71



B50075



360023



# Inverse Universe

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



EBA4D2



FFA3DF



A4EBE0



756A71



B50075



360023



# Previews

## White Background



This preview shows how the Hex color EBA4D2 looks on a white background.

## Color Contrast Check

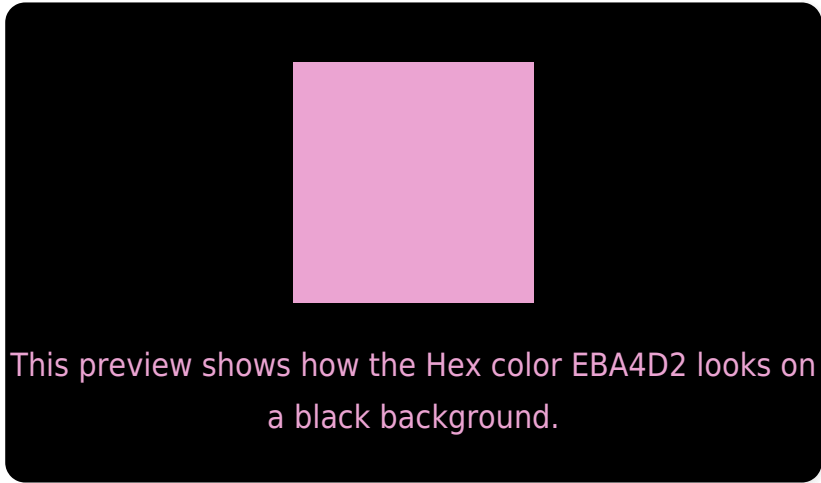
Large Text (above 18pt) WCAG AA × Fail

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 EBA4D2 Background



This preview shows how black text looks on a background with the Hex color EBA4D2.

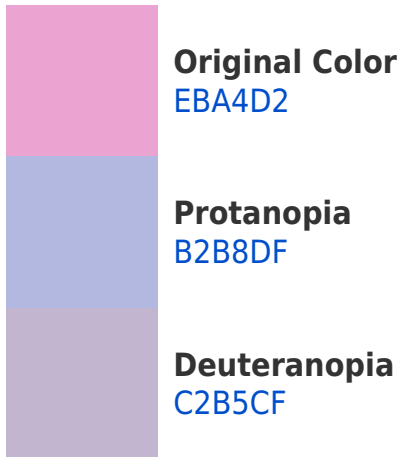


This preview shows how white text looks on a background with the Hex color EBA4D2.

# 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](#).

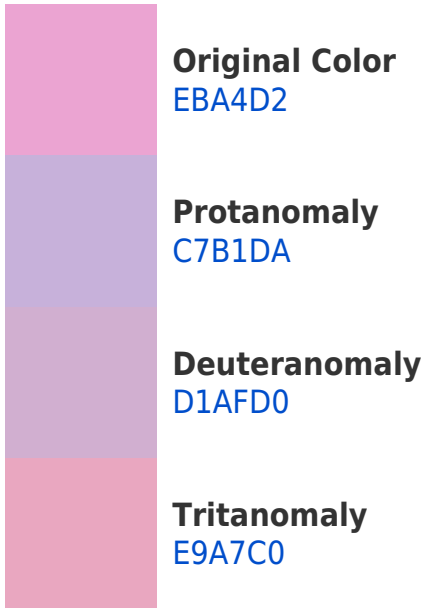
## Dichromacy



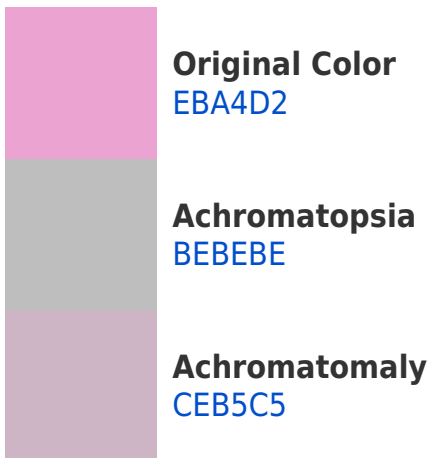


**Tritanopia**  
E8A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBA4D2 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 #EBA4D2 looks like.

```
.text, #text, p{  
    color:#EBA4D2  
}
```

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 #EBA4D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA4D2
}
```

## Border

The CSS property to change the border of an element to Hex EBA4D2 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
#EBA4D2 }
```

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

```
.border{ border-color:#EBA4D2 }
```

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

Here you see how a box with a 4 pixel #EBA4D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA4D2; -webkit-box-shadow:4px 4px  
4px 4px #EBA4D2; box-shadow:4px 4px 4px  
4px #EBA4D2 }
```

# Background

The CSS property to change the background color of an element to Hex EBA4D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA4D2 }
```

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

```
.background{ background-color:#EBA4D2 }
```

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