

# Converting Colors

Hex(EAA3DB)

Have a look what the booklet for  
Hex(EAA3DB) contains.

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# **Color**

**Hex(EAA3DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA3DB
RGB	234, 163, 219
RGB Percent	92%, 64%, 86%
CMY	0.0824, 0.3608, 0.1412
CMYK	0.00, 0.30, 0.06, 0.08
HSL	313°, 63%, 78%
HSV	313°, 30%, 92%
XYZ	59.8151, 48.8013, 73.2848
YIQ	190.6130, 24.3400, 32.4680

# Conversions

## Conversions Part 2

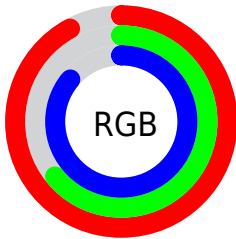
Format	Color
<a href="#">RYB</a>	<a href="#">234, 163, 219</a>
Decimal	<a href="#">15377371</a>
CIELab	<a href="#">75.33, 34.82, -17.81</a>
CIELCh	<a href="#">75, 39.114, 332.911</a>
Yxy	<a href="#">48.8013, 0.3288, 0.2683</a>
Android (android.graphics.Color)	<a href="#">4293567451 (0xFFEAA3DB)</a>
YUV	<a href="#">190.6130, 13.9948, 38.0504</a>
Hunter-Lab	<a href="#">69.8579, 30.5873, -13.2980</a>

# Details

The Hex color **EAA3DB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A3EAB2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDBFF**, and **B16EA4** is the 20% darker color. If you saturate the color by 10%, you get **EA8CD6**, and if you desaturate by 10%, it is **EABAE0**.

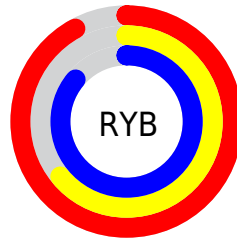
# Distribution



Red (92%)

Green (64%)

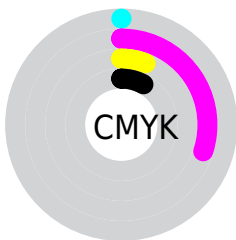
Blue (86%)



Red (92%)

Yellow (64%)

Blue (86%)

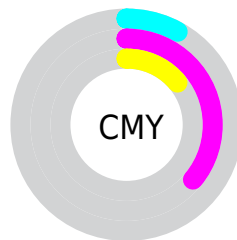


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (36%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAA3DB 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 EAA3DB by changing the saturation by 10% instead.



 EAA3DB

 EAA3DB

FFFFFF

 CD88BF


 FFDBFF

 B16EA4

 FFF7FF

 96558A

 7B3C70

 612458

 480A40

 30002A

 160015

 000000

 EAA3DB

 EAA3DB

 EA8CD6

 EABAE0

 EA74D1

 EAD2E5

 EA5DCC

 EAE9EA

 EA45C7

 EAFFEF

 EA2EC2

 EAFFF4

 EA17BD

 EAFFF9

 EA00B9

 EAFFFE

 EAFFFF

# Harmonies

## Analogous

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



C2AFF6



EAA3DB



FE9EB7

# Triad

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



EAA3DB



CEB871



27CCDF

# Complementary

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



EAA3DB



A3EAB2

# 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.



4DCDBC



EAA3DB



A8C37C

# Square

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



EAA3DB



ECAC7A



7DCA98



4EC6F9

# Rectangle

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



EAA3DB



FF9F9F



7DCA98



2ECDD4



# Sweetspot

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



EAA3DB



FFE8FA



B1A3EA



80717D



000000



808080



# Same Dimension

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



EAA3DB



FFA3EC



EAA3B8



756A73



B5008F



36002A



# Inverse Universe

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



EAA3DB



FFA3EC



A3EAD5



756A73



B5008F

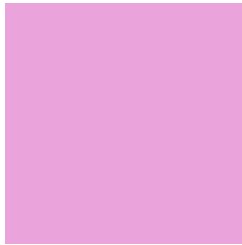


36002A



# Previews

## White Background



This preview shows how the Hex color EAA3DB 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 EAA3DB Background



This preview shows how black text looks on a background with the Hex color EAA3DB.

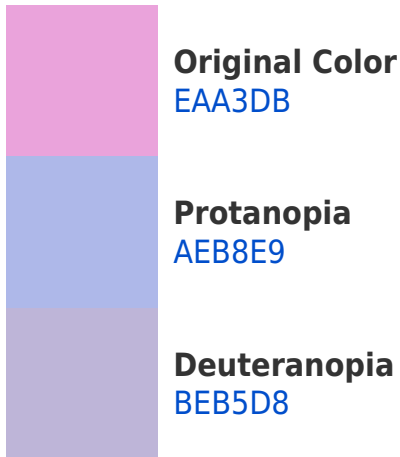


This preview shows how white text looks on a background with the Hex color EAA3DB.

# 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**  
E5AAB7

# Trichromacy



**Original Color**  
EAA3DB



**Protanomaly**  
C4B0E4



**Deuteranomaly**  
CEAED9

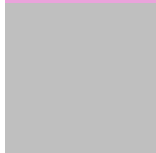


**Tritanomaly**  
E7A7C4

# Monochromacy



**Original Color**  
EAA3DB



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
CFB5C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAA3DB 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 #EAA3DB looks like.

```
.text, #text, p{  
    color:#EAA3DB  
}
```

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 #EAA3DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAA3DB  
}
```

## Border

The CSS property to change the border of an element to Hex EAA3DB 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  
#EAA3DB }
```

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

```
.border{ border-color:#EAA3DB }
```

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

Here you see how a box with a 4 pixel #EAA3DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAA3DB; -webkit-box-shadow:4px 4px  
4px 4px #EAA3DB; box-shadow:4px 4px 4px  
4px #EAA3DB }
```

# Background

The CSS property to change the background color of an element to Hex EAA3DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAA3DB }
```

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

```
.background{ background-color:#EAA3DB }
```

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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