

Converting Colors

Hex(E4AAEC)

Have a look what the booklet for
Hex(E4AAEC) contains.

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Color

Hex(E4AAEC)

Conversions

Conversions Part 1

Format	Color
Hex	E4AAEC
RGB	228, 170, 236
RGB Percent	89%, 67%, 93%
CMY	0.1059, 0.3333, 0.0745
CMYK	0.03, 0.28, 0.00, 0.07
HSL	293°, 63%, 80%
HSV	293°, 28%, 93%
XYZ	61.5100, 51.2996, 86.0168
YIQ	194.8660, 13.3820, 32.8220

Conversions

Conversions Part 2

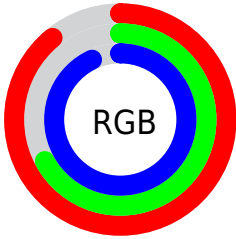
Format	Color
RYB	228, 170, 236
Decimal	14985964
CIELab	76.86, 32.23, -24.78
CIELCh	77, 40.654, 322.440
Yxy	51.2996, 0.3094, 0.2580
Android (android.graphics.Color)	4293176044 (0xFFE4AAEC)
YUV	194.8660, 20.2791, 29.0585
Hunter-Lab	71.6237, 27.9531, -21.0679

Details

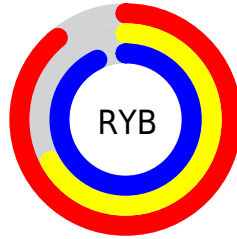
The Hex color **E4AAEC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B2ECAA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFE2FF**, and **AC75B4** is the 20% darker color. If you saturate the color by 10%, you get **E192EC**, and if you desaturate by 10%, it is **E7C2EC**.

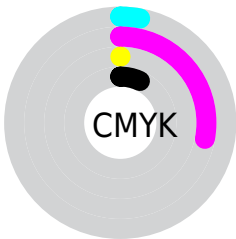
Distribution



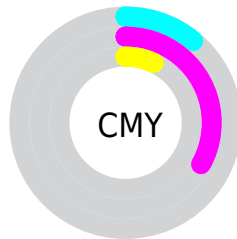
- Red (89%)
- Green (67%)
- Blue (93%)



- Red (89%)
- Yellow (67%)
- Blue (93%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4AAEC 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 E4AAEC by changing the saturation by 10% instead.

 E4AAEC


FFFFFF

 FFE2FF

 E4AAEC

 C88FD0

 AC75B4

 915C99

 76437F

 5D2C66

 44144E

 2C0036

 160021

 000005

 E4AAEC

 E4AAEC

 E192EC

 E7C2EC

 DE7BEC

 EAD9EC

 DB63EC

 EDF1EC

 D94CEC

 EFFFEC

 D634EC

 F2FFEC

 D31CEC

 F5FFEC

 D005EC

 F8FFEC

 CF00EC

 FBFFEC

 FEFFEC

Harmonies

Analogous

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



B4B7FF



E4AAEC



FFA1C9

Triad

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



E4AAEC



DFB873



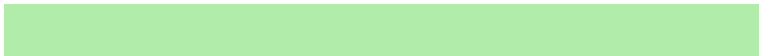
26D2D9

Complementary

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



E4AAEC



B2ECAA

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.



5DD1B3



E4AAEC



BAC477

Square

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



E4AAEC



FBAB83



8ECD8F



33CDF8

Rectangle

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



E4AAEC



FFA1AF



8ECD8F



38D2CD

Sweetspot

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



E4AAEC



FDEBFF



AAB3EC



7E7380



000000



808080

Same Dimension

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



E4AAEC



F4A8FF



ECAAD4



746A75



9F00B5



2F0036

Inverse Universe

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



ECAAB2



FFA8B3



AAECC2



756A6B



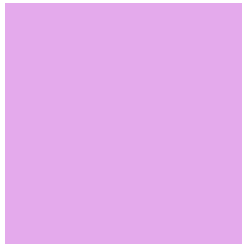
B50016



360006

Previews

White Background



This preview shows how the Hex color E4AAEC looks on a white background.

Color Contrast Check

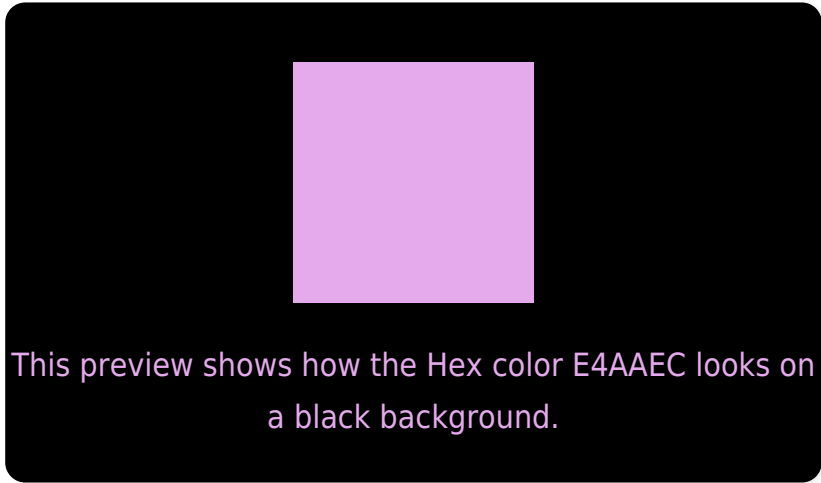
Large Text (above 18pt) WCAG AA × Fail

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

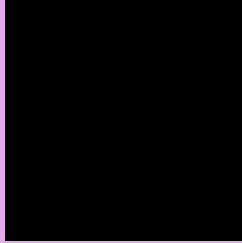
Any Text WCAG AA ✓ Pass

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 E4AAEC Background



This preview shows how black text looks on a background with the Hex color E4AAEC.



This preview shows how white text looks on a background with the Hex color E4AAEC.

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](#).

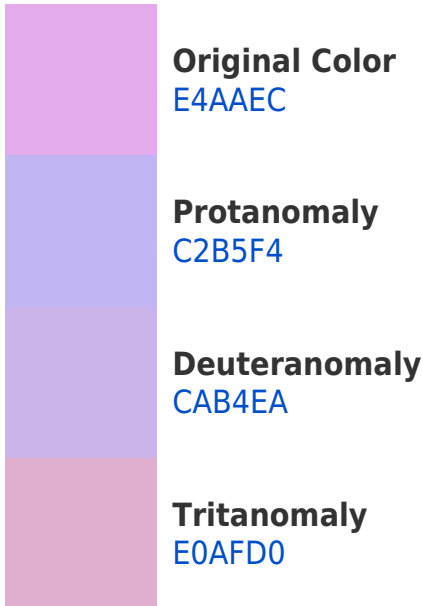
Dichromacy



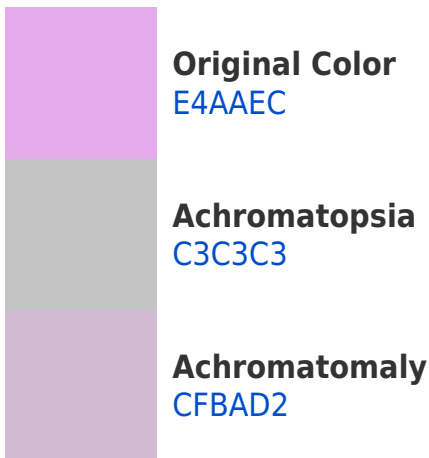


Tritanopia
DEB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E4AAEC 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 #E4AAEC looks like.

```
.text, #text, p{  
    color:#E4AAEC  
}
```

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 #E4AAEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4AAEC
}
```

Border

The CSS property to change the border of an element to Hex E4AAEC 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
#E4AAEC }
```

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

```
.border{ border-color:#E4AAEC }
```

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

Here you see how a box with a 4 pixel #E4AAEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4AAEC; -webkit-box-shadow:4px 4px  
4px 4px #E4AAEC; box-shadow:4px 4px 4px  
4px #E4AAEC }
```

Background

The CSS property to change the background color of an element to Hex E4AAEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4AAEC }
```

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

```
.background{ background-color:#E4AAEC }
```

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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