

Converting Colors

Hex(E4A5CE)

Have a look what the booklet for
Hex(E4A5CE) contains.

Hex(E4A5CE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E4A5CE)

Conversions

Conversions Part 1

Format	Color
Hex	E4A5CE
RGB	228, 165, 206
RGB Percent	89%, 65%, 81%
CMY	0.1059, 0.3529, 0.1922
CMYK	0.00, 0.28, 0.10, 0.11
HSL	321°, 54%, 77%
HSV	321°, 28%, 89%
XYZ	56.5906, 47.8605, 64.6479
YIQ	188.5110, 24.3870, 26.1070

Conversions

Conversions Part 2

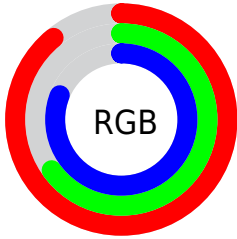
Format	Color
R _Y B	228, 165, 206
Decimal	14984654
CIE Lab	74.74, 29.53, -11.65
CIE LCh	75, 31.745, 338.461
Yxy	47.8605, 0.3347, 0.2830
Android (android.graphics.Color)	4293174734 (0xFFE4A5CE)
YUV	188.5110, 8.6221, 34.6319
Hunter-Lab	69.1813, 24.9467, -6.9779

Details

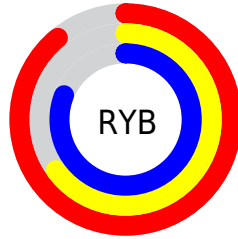
The Hex color **E4A5CE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A5E4BB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFDDFF**, and **AC7098** is the 20% darker color. If you saturate the color by 10%, you get **E48EC6**, and if you desaturate by 10%, it is **E4BCD6**.

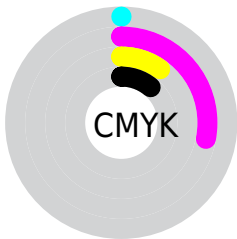
Distribution



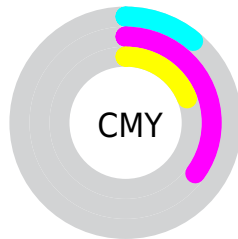
- Red (89%)
- Green (65%)
- Blue (81%)



- Red (89%)
- Yellow (65%)
- Blue (81%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4A5CE 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 E4A5CE by changing the saturation by 10% instead.

 E4A5CE

 E4A5CE

FFFFFF

 C88AB2

 FFDDFF

 AC7098

 FFF9FF

 91577E

 763F65

 5D284D

 441036

 2D0021

 0E0007

 000000

 E4A5CE

 E4A5CE

 E48EC6

 E4BCD6

 E477BE

 E4D3DE

 E461B6

 E4E9E6

 E44AAE

 E4FFEE

 E433A6

 E4FFF6

 E41C9E

 E4FFFE

 E40596

 E4FFFF

 E40094

Harmonies

Analogous

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



C7ADE6



E4A5CE



F2A2B1

Triad

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



E4A5CE



C4B97E



5BC6DB

Complementary

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



E4A5CE



A5E4BB

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.



64C8BF



E4A5CE



A4C189

Square

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



E4A5CE



DFAF82



82C6A2



74C1ED

Rectangle

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



E4A5CE



F2A49D



82C6A2



5AC7D3

Sweetspot

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



E4A5CE



FFEBF8



BAA5E4



80737B



000000



808080

Same Dimension

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



E4A5CE



FFABE2



E4A5B0



73676F



B30074



330021

Inverse Universe

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



E4A5CE



FFABE2



A5E4DA



73676F



B30074



330021

Previews

White Background



This preview shows how the Hex color E4A5CE looks on a white background.

Color Contrast Check

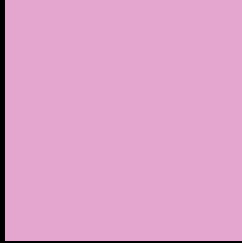
Large Text (above 18pt) WCAG AA × Fail

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 E4A5CE 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 E4A5CE Background



This preview shows how black text looks on a background with the Hex color E4A5CE.

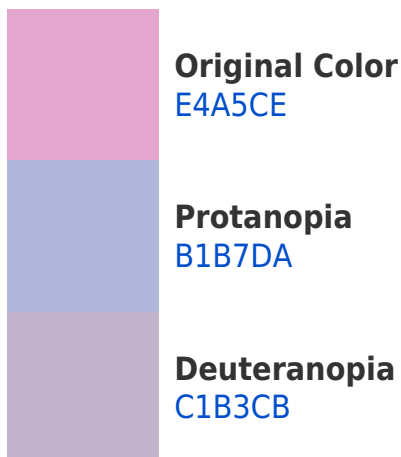


This preview shows how white text looks on a background with the Hex color E4A5CE.

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
E1A9B6

Trichromacy



Original Color
E4A5CE



Protanomaly
C4B0D6



Deuteranomaly
CEAECC

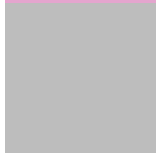


Tritanomaly
E2A8BF

Monochromacy



Original Color
E4A5CE



Achromatopsia
BDBDBD



Achromatomaly
CBB4C3

CSS Examples

Text

The CSS property to change the color of the text to Hex E4A5CE 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 #E4A5CE looks like.

```
.text, #text, p{  
    color:#E4A5CE  
}
```

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 #E4A5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4A5CE
}
```

Border

The CSS property to change the border of an element to Hex E4A5CE 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
#E4A5CE }
```

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

```
.border{ border-color:#E4A5CE }
```

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

Here you see how a box with a 4 pixel #E4A5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4A5CE; -webkit-box-shadow:4px 4px  
4px 4px #E4A5CE; box-shadow:4px 4px 4px  
4px #E4A5CE }
```

Background

The CSS property to change the background color of an element to Hex E4A5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4A5CE }
```

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

```
.background{ background-color:#E4A5CE }
```

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