

Converting Colors

Hex(E4A5E8)

Have a look what the booklet for
Hex(E4A5E8) contains.

Hex(E4A5E8)	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(E4A5E8)

Conversions

Conversions Part 1

Format	Color
Hex	E4A5E8
RGB	228, 165, 232
RGB Percent	89%, 65%, 91%
CMY	0.1059, 0.3529, 0.0902
CMYK	0.02, 0.29, 0.00, 0.09
HSL	296°, 59%, 78%
HSV	296°, 29%, 91%
XYZ	60.0155, 49.2304, 82.6832
YIQ	191.4750, 16.0410, 34.1930

Conversions

Conversions Part 2

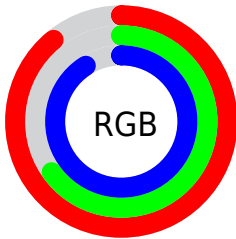
Format	Color
R _Y B	228, 165, 232
Decimal	14984680
CIE Lab	75.59, 34.15, -24.54
CIE LCh	76, 42.057, 324.295
Yxy	49.2304, 0.3127, 0.2565
Android (android.graphics.Color)	4293174760 (0xFFE4A5E8)
YUV	191.4750, 19.9788, 32.0324
Hunter-Lab	70.1644, 29.8933, -20.7535

Details

The Hex color **E4A5E8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A9E8A5**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFDDFF**, and **AC70B0** is the 20% darker color. If you saturate the color by 10%, you get **E38EE8**, and if you desaturate by 10%, it is **E5BCE8**.

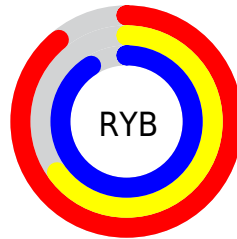
Distribution



Red (89%)

Green (65%)

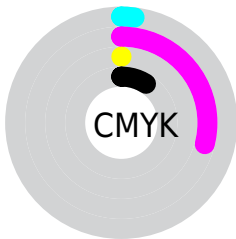
Blue (91%)



Red (89%)

Yellow (65%)

Blue (91%)

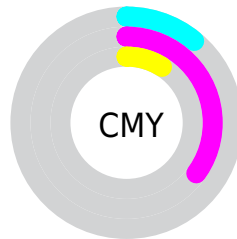


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (9%)



Cyan (11%)

Magenta (35%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color E4A5E8 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 E4A5E8 by changing the saturation by 10% instead.

 E4A5E8

 E4A5E8

FFFFFF

 C88ACC

 FFDDFF

 AC70B0

 FFF9FF

 915795

 763E7B

 5C2762

 440E4A

 2C0033

 12001E

 000000

 E4A5E8

 E4A5E8

 E38EE8

 E5BCE8

 E177E8

 E7D3E8

 E05FE8

 E8EBE8

 DE48E8

 EAFFE8

 DD31E8

 EBFFE8

 DC1AE8

 ECFFE8

 DA03E8

 EEFFE8

 DA00E8

 EFFE8

 F0FFE8

Harmonies

Analogous

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



B4B3FF



E4A5E8



FF9CC3

Triad

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



E4A5E8



DAB56D



00CED9

Complementary

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



E4A5E8



A9E8A5

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.



50CEB1



E4A5E8



B3C272

Square

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



E4A5E8



F7A87D



86CA8C



1ECAF8

Rectangle

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



E4A5E8



FF9CA9



86CA8C



1ECFCC

Sweetspot

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



E4A5E8



FEE8FF



A5A9E8



7F7180



000000



808080

Same Dimension

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



E4A5E8



FAA6FF



E8A5CB



726773



A800B3



300033

Inverse Universe

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



E8A5A9



FFA6AB



A5E8C2



736768



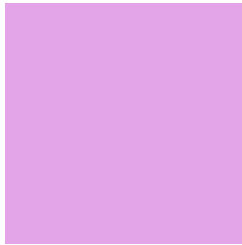
B3000B



330003

Previews

White Background



This preview shows how the Hex color E4A5E8 looks on a white background.

Color Contrast Check

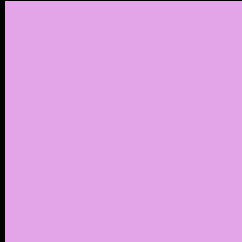
Large Text (above 18pt) WCAG AA × Fail

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 E4A5E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

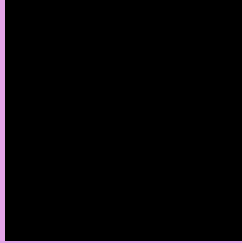
Any Text WCAG AA ✓ Pass

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 E4A5E8 Background



This preview shows how black text looks on a background with the Hex color E4A5E8.

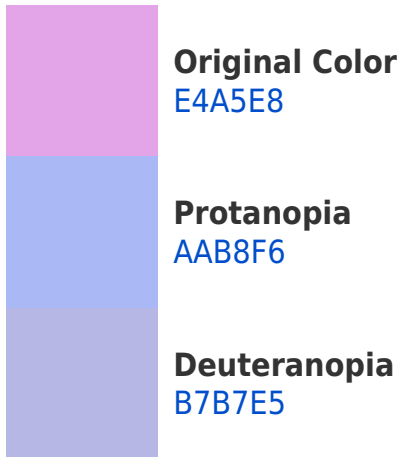


This preview shows how white text looks on a background with the Hex color E4A5E8.

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



Trichromacy



Original Color
E4A5E8



Protanomaly
BFB1F1



Deuteranomaly
C7B0E6

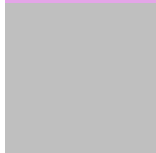


Tritanomaly
E0ABCB

Monochromacy



Original Color
E4A5E8



Achromatopsia
BFBFBF



Achromatomaly
CCB6CE

CSS Examples

Text

The CSS property to change the color of the text to Hex E4A5E8 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 #E4A5E8 looks like.

```
.text, #text, p{  
    color:#E4A5E8  
}
```

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 #E4A5E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4A5E8
}
```

Border

The CSS property to change the border of an element to Hex E4A5E8 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
#E4A5E8 }
```

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

```
.border{ border-color:#E4A5E8 }
```

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

Here you see how a box with a 4 pixel #E4A5E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4A5E8; -webkit-box-shadow:4px 4px  
4px 4px #E4A5E8; box-shadow:4px 4px 4px  
4px #E4A5E8 }
```

Background

The CSS property to change the background color of an element to Hex E4A5E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4A5E8 }
```

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

```
.background{ background-color:#E4A5E8 }
```

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