

# Converting Colors

Hex(E4A5DA)

Have a look what the booklet for  
Hex(E4A5DA) contains.

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# **Color**

**Hex(E4A5DA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4A5DA
RGB	228, 165, 218
RGB Percent	89%, 65%, 85%
CMY	0.1059, 0.3529, 0.1451
CMYK	0.00, 0.28, 0.04, 0.11
HSL	310°, 54%, 77%
HSV	310°, 28%, 89%
XYZ	58.1049, 48.4662, 72.6221
YIQ	189.8790, 20.5350, 29.8390

# Conversions

## Conversions Part 2

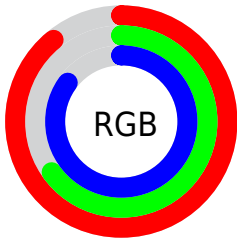
Format	Color
R <sub>Y</sub> B	228, 165, 218
Decimal	14984666
CIE Lab	75.12, 31.60, -17.64
CIE LCh	75, 36.195, 330.827
Yxy	48.4662, 0.3243, 0.2705
Android (android.graphics.Color)	4293174746 (0xFFE4A5DA)
YUV	189.8790, 13.8637, 33.4321
Hunter-Lab	69.6177, 27.1504, -13.1164

# Details

The Hex color **E4A5DA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A5E4AF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDDFF**, and **AC70A3** is the 20% darker color. If you saturate the color by 10%, you get **E48ED6**, and if you desaturate by 10%, it is **E4BCDE**.

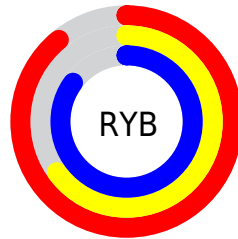
# Distribution



Red (89%)

Green (65%)

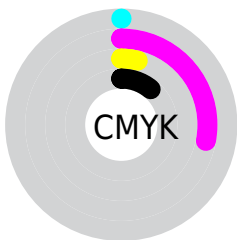
Blue (85%)



Red (89%)

Yellow (65%)

Blue (85%)

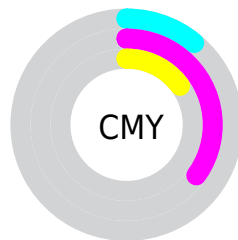


Cyan (0%)

Magenta (28%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (35%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E4A5DA 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 E4A5DA by changing the saturation by 10% instead.



 E4A5DA

 E4A5DA


FFFFFF

 C88ABE

 FFDDFF

 AC70A3

 FFF9FF

 915789

 763F6F

 5D2757

 440F3F

 2D0029

 100014

 000000

 E4A5DA

 E4A5DA

 E48ED6

 E4BCDE

 E477D3

 E4D3E1

 E461CF

 E4E9E5

 E44ACC

 E4FFE8

 E433C8

 E4FFEC

 E41CC4

 E4FFF0

 E405C1

 E4FFF3

 E400C0

 E4FFF7

 E4FFFB

# Harmonies

## Analogous

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



BEB0F2



E4A5DA



F8A0B9

# Triad

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



E4A5DA



CFB776



41CADA

# Complementary

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



E4A5DA



A5E4AF

# 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.



5CCBB9



E4A5DA



ACC17F

# Square

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



E4A5DA



EAAC80



84C897



59C5F2

# Rectangle

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



E4A5DA



FBA1A3



84C897



46CBCF



# Sweetspot

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



E4A5DA



FFEBFC



AEA5E4



80737D



000000



808080



# Same Dimension

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



E4A5DA



FFABF2



E4A5BB



736771



B30096



33002B



# Inverse Universe

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



E4A5DA



FFABF2



A5E4CE



736771



B30096



33002B



# Previews

## White Background



This preview shows how the Hex color E4A5DA looks on a white background.

## Color Contrast Check

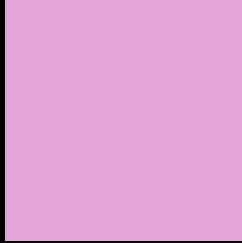
Large Text (above 18pt) WCAG AA × Fail

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 E4A5DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

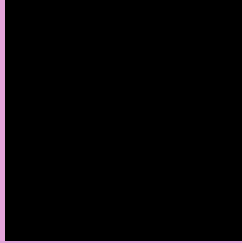
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E4A5DA Background



This preview shows how black text looks on a background with the Hex color E4A5DA.

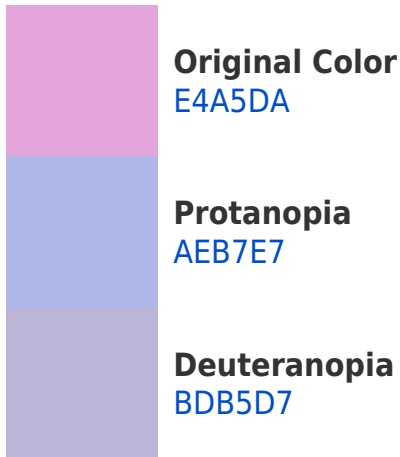


This preview shows how white text looks on a background with the Hex color E4A5DA.

# 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**  
E0ABB8

# Trichromacy



**Original Color**  
E4A5DA



**Protanomaly**  
C2B0E2



**Deuteranomaly**  
CBAFD8

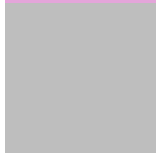


**Tritanomaly**  
E1A9C4

# Monochromacy



**Original Color**  
E4A5DA



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
CCB5C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E4A5DA 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 #E4A5DA looks like.

```
.text, #text, p{  
    color:#E4A5DA  
}
```

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 #E4A5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E4A5DA
}
```

## Border

The CSS property to change the border of an element to Hex E4A5DA 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
#E4A5DA }
```

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

```
.border{ border-color:#E4A5DA }
```

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

Here you see how a box with a 4 pixel #E4A5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E4A5DA; -webkit-box-shadow:4px 4px  
4px 4px #E4A5DA; box-shadow:4px 4px 4px  
4px #E4A5DA }
```

# Background

The CSS property to change the background color of an element to Hex E4A5DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E4A5DA }
```

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

```
.background{ background-color:#E4A5DA }
```

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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