

# Converting Colors

Hex(E5A6CA)

Have a look what the booklet for  
Hex(E5A6CA) contains.

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# **Color**

**Hex(E5A6CA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5A6CA
RGB	229, 166, 202
RGB Percent	90%, 65%, 79%
CMY	0.1020, 0.3490, 0.2078
CMYK	0.00, 0.28, 0.12, 0.10
HSL	326°, 55%, 77%
HSV	326°, 28%, 90%
XYZ	56.6100, 48.1947, 62.1960
YIQ	188.9410, 25.9920, 24.5520

# Conversions

## Conversions Part 2

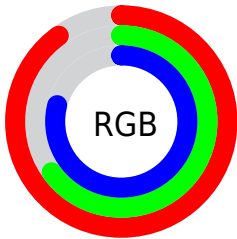
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 166, 202
Decimal	15050442
CIE Lab	74.95, 28.67, -9.14
CIE LCh	75, 30.089, 342.318
Yxy	48.1947, 0.3390, 0.2886
Android (android.graphics.Color)	4293240522 (0xFFE5A6CA)
YUV	188.9410, 6.4381, 35.1317
Hunter-Lab	69.4224, 24.0673, -4.5226

# Details

The Hex color **E5A6CA** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A6E5C1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFDEFF**, and **AD7194** is the 20% darker color. If you saturate the color by 10%, you get **E58FC0**, and if you desaturate by 10%, it is **E5BDD4**.

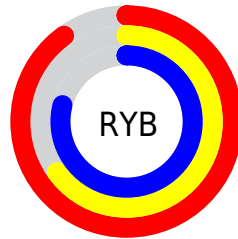
# Distribution



Red (90%)

Green (65%)

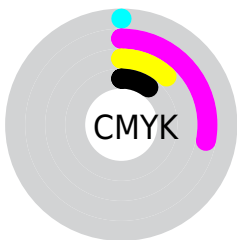
Blue (79%)



Red (90%)

Yellow (65%)

Blue (79%)

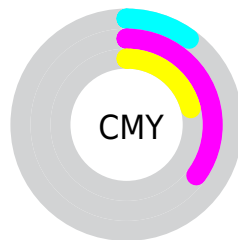


Cyan (0%)

Magenta (28%)

Yellow (12%)

Black (10%)



Cyan (10%)

Magenta (35%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5A6CA 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 E5A6CA by changing the saturation by 10% instead.



 E5A6CA

 E5A6CA

FFFFFF

 C98BAF

 FFDEFF

 AD7194

 FFFAFF

 92587A

 774061

 5E294A

 451133

 2D001E

 100001

 000000

 E5A6CA

 E5A6CA

 E58FC0

 E5BDD4

 E578B6

 E5D4DE

 E561AD

 E5EBE7

 E54AA3

 E5FFF1

 E53499

 E5FFFB

 E51D8F

 E5FFFF

 E50685

 E50083

# Harmonies

## Analogous

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



CBADE2



E5A6CA



F0A4AE

# Triad

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



E5A6CA



C1BA82



64C6DD

# Complementary

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



E5A6CA



A6E5C1

# 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.



68C8C3



E5A6CA



A2C28F

# Square

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



E5A6CA



DBB184



82C7A7



7EC0ED

# Rectangle

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



E5A6CA



EFA69C



82C7A7



62C7D5



# Sweetspot

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



E5A6CA



FFEBF6



C0A6E5



80737A



000000



808080



# Same Dimension

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



E5A6CA



FFABDB



E5A6AB



73676E



B30066



33001D



# Inverse Universe

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



E5A6CA



FFABDB



A6E5E0



73676E



B30066



33001D



# Previews

## White Background



This preview shows how the Hex color E5A6CA looks on a white background.

## Color Contrast Check

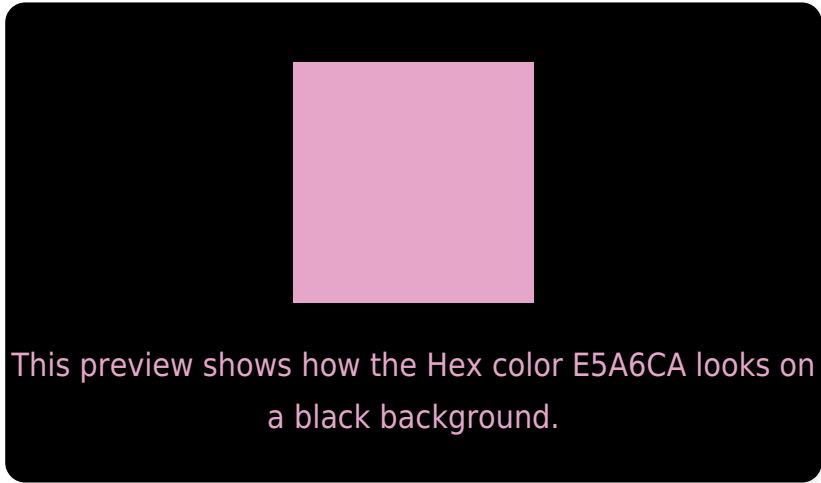
Large Text (above 18pt) WCAG AA × Fail

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 E5A6CA Background



This preview shows how black text looks on a background with the Hex color E5A6CA.



This preview shows how white text looks on a background with the Hex color E5A6CA.

# 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**  
E3A9B6

# Trichromacy



**Original Color**  
E5A6CA



**Protanomaly**  
C6B1D1



**Deuteranomaly**  
D0AFC8

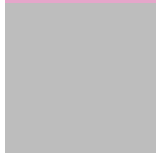


**Tritanomaly**  
E4A8BD

# Monochromacy



**Original Color**  
E5A6CA



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
CCB5C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5A6CA 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 #E5A6CA looks like.

```
.text, #text, p{  
    color:#E5A6CA  
}
```

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 #E5A6CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5A6CA
}
```

## Border

The CSS property to change the border of an element to Hex E5A6CA 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
#E5A6CA }
```

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

```
.border{ border-color:#E5A6CA }
```

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

Here you see how a box with a 4 pixel #E5A6CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5A6CA; -webkit-box-shadow:4px 4px  
4px 4px #E5A6CA; box-shadow:4px 4px 4px  
4px #E5A6CA }
```

# Background

The CSS property to change the background color of an element to Hex E5A6CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5A6CA }
```

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

```
.background{ background-color:#E5A6CA }
```

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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