

# Converting Colors

Hex(E1A7D9)

Have a look what the booklet for  
Hex(E1A7D9) contains.

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# **Color**

**Hex(E1A7D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A7D9
RGB	225, 167, 217
RGB Percent	88%, 65%, 85%
CMY	0.1176, 0.3451, 0.1490
CMYK	0.00, 0.26, 0.04, 0.12
HSL	308°, 49%, 77%
HSV	308°, 26%, 88%
XYZ	57.3944, 48.6547, 72.0119
YIQ	190.0420, 18.5180, 27.8460

# Conversions

## Conversions Part 2

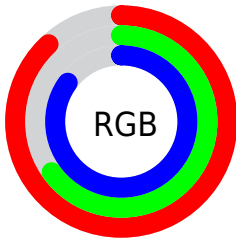
Format	Color
R <sub>Y</sub> B	225, 167, 217
Decimal	14788569
CIE Lab	75.24, 29.36, -16.95
CIE LCh	75, 33.899, 330.002
Yxy	48.6547, 0.3223, 0.2732
Android (android.graphics.Color)	4292978649 (0xFFE1A7D9)
YUV	190.0420, 13.2903, 30.6582
Hunter-Lab	69.7529, 24.8065, -12.3831

# Details

The Hex color **E1A7D9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7E1AF**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFDFFF**, and **A972A2** is the 20% darker color. If you saturate the color by 10%, you get **E191D6**, and if you desaturate by 10%, it is **E1BDDC**.

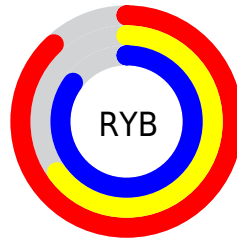
# Distribution



Red (88%)

Green (65%)

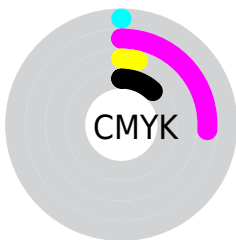
Blue (85%)



Red (88%)

Yellow (65%)

Blue (85%)

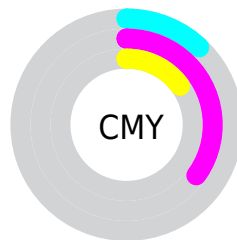


Cyan (0%)

Magenta (26%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (35%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1A7D9 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 E1A7D9 by changing the saturation by 10% instead.



 E1A7D9

FFFFFF

 FFDFFF

 FFFBFF

 E1A7D9

 C58CBD

 A972A2

 8E5988

 74416E

 5B2A56

 42123F

 2B0028

 0D0013

 000000

 E1A7D9

 E1A7D9

 E191D6

 E1BDDC

 E17AD3

 E1D4DF

 E163D0

 E1EBE2

 E14DCD

 E1FFE5

 E137C9

 E1FFE9

 E120C6

 E1FFEC

 E10AC3

 E1FFEF

 E100C2

 E1FFF2

 E1FFF5

# Harmonies

## Analogous

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



BDB1EF



E1A7D9



F4A2BA

# Triad

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



E1A7D9



CFB77B



50CAD7

# Complementary

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



E1A7D9



A7E1AF

# 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.



65CAB8



E1A7D9



AEC182

# Square

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



E1A7D9



E8AD84



89C799



63C5EE

# Rectangle

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



E1A7D9



F8A3A5



89C799



54CACE



# Sweetspot

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



E1A7D9



FFEBFC



AFA7E1



80737E



000000



808080



# Same Dimension

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



E1A7D9



FFB0F4



E1A7BC



70656F



B00098



30002A



# Inverse Universe

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



E1A7D9



FFB0F4



A7E1CC



70656F



B00098

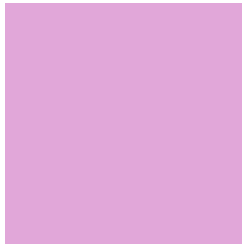


30002A



# Previews

## White Background



This preview shows how the Hex color E1A7D9 looks on a white background.

## Color Contrast Check

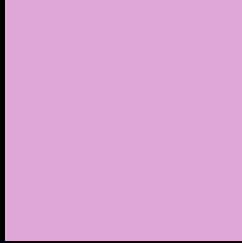
Large Text (above 18pt) WCAG AA × Fail

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 E1A7D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

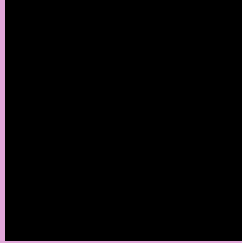
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1A7D9 Background



This preview shows how black text looks on a background with the Hex color E1A7D9.



This preview shows how white text looks on a background with the Hex color E1A7D9.

# 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**  
E1A7D9



**Protanomaly**  
C1B2E0



**Deuteranomaly**  
CBB0D7

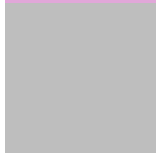


**Tritanomaly**  
DEABC5

# Monochromacy



**Original Color**  
E1A7D9



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
CBB6C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1A7D9 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 #E1A7D9 looks like.

```
.text, #text, p{  
    color:#E1A7D9  
}
```

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 #E1A7D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1A7D9
}
```

## Border

The CSS property to change the border of an element to Hex E1A7D9 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
#E1A7D9 }
```

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

```
.border{ border-color:#E1A7D9 }
```

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

Here you see how a box with a 4 pixel #E1A7D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1A7D9; -webkit-box-shadow:4px 4px  
4px 4px #E1A7D9; box-shadow:4px 4px 4px  
4px #E1A7D9 }
```

# Background

The CSS property to change the background color of an element to Hex E1A7D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1A7D9 }
```

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

```
.background{ background-color:#E1A7D9 }
```

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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