

# Converting Colors

Hex(E69CDE)

Have a look what the booklet for  
Hex(E69CDE) contains.

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# **Color**

**Hex(E69CDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69CDE
RGB	230, 156, 222
RGB Percent	90%, 61%, 87%
CMY	0.0980, 0.3882, 0.1294
CMYK	0.00, 0.32, 0.03, 0.10
HSL	306°, 60%, 76%
HSV	306°, 32%, 90%
XYZ	57.7064, 45.8739, 74.9203
YIQ	185.6500, 22.9180, 36.2140

# Conversions

## Conversions Part 2

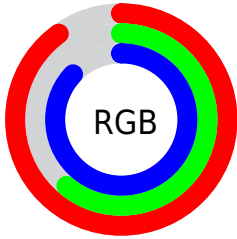
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 156, 222
Decimal	15113438
CIE <sub>Lab</sub>	73.46, 37.76, -22.32
CIE <sub>LCh</sub>	73, 43.865, 329.415
Yxy	45.8739, 0.3233, 0.2570
Android (android.graphics.Color)	4293303518 (0xFFE69CDE)
YUV	185.6500, 17.9206, 38.8950
Hunter-Lab	67.7302, 33.5547, -18.1729

# Details

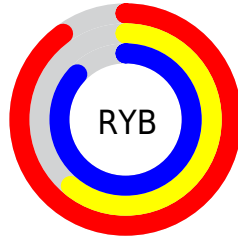
The Hex color **E69CDE** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9CE6A4**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD3FF**, and **AD67A7** is the 20% darker color. If you saturate the color by 10%, you get **E685DC**, and if you desaturate by 10%, it is **E6B3E0**.

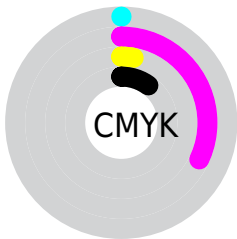
# Distribution



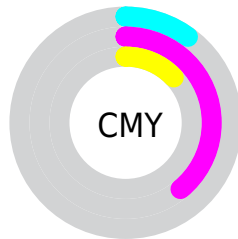
- Red (90%)
- Green (61%)
- Blue (87%)



- Red (90%)
- Yellow (61%)
- Blue (87%)



- Cyan (0%)
- Magenta (32%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (39%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E69CDE 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 E69CDE by changing the saturation by 10% instead.



 E69CDE

 E69CDE

FFFFFF

 C981C2

 FFD3FF

 AD67A7

 FFF0FF

 924E8C

 773573

 5E1C5A

 440042

 2D002C

 0C0017

 000000

 E69CDE

 E69CDE

 E685DC

 E6B3E0

 E66ED9

 E6CAE3

 E657D7

 E6E1E5

 E640D4

 E6F8E8

 E629D2

 E6FFEA

 E612CF

 E6FFED

 E600CD

 E6FFEF

 E6FFF2

 E6FFF4

# Harmonies

## Analogous

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



B7AAFB



E69CDE



FF94B7

# Triad

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



E69CDE



CFB263



00C9DB

# Complementary

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



E69CDE



9CE6A4

# 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.



32C9B2



E69CDE



A5BE6D

# Square

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



E69CDE



EFA470



74C68A



00C3F9

# Rectangle

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



E69CDE



FF959C



74C68A



00C9CE



# Sweetspot

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



E69CDE



FFE6FC



A39CE6



80707E



000000



808080



# Same Dimension

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



E69CDE



FF9CF4



E69CBA



736772



B3009F



33002D



# Inverse Universe

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



E69CDE



FF9CF4



9CE6C8



736772



B3009F

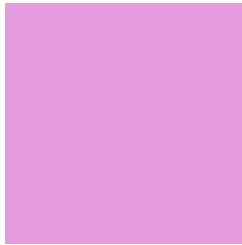


33002D



# Previews

## White Background



This preview shows how the Hex color E69CDE looks on a white background.

## Color Contrast Check

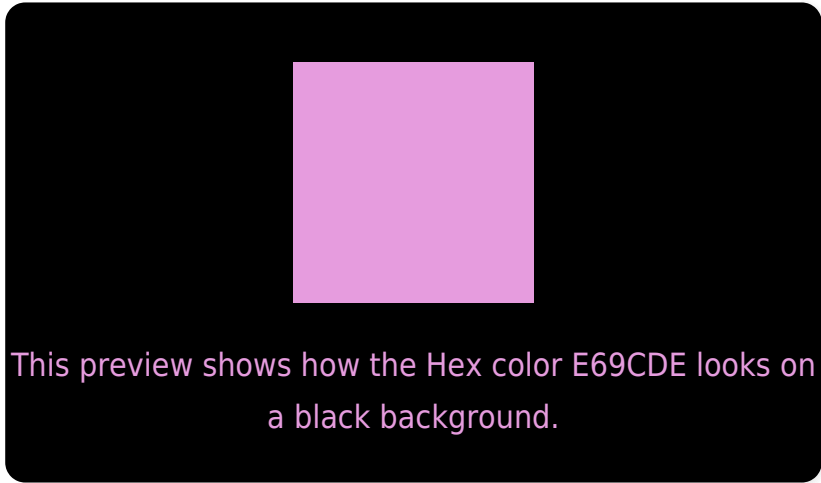
Large Text (above 18pt) WCAG AA × Fail

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

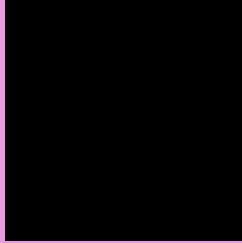
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E69CDE Background



This preview shows how black text looks on a background with the Hex color E69CDE.

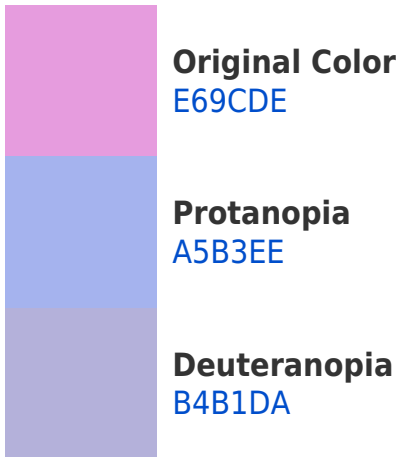


This preview shows how white text looks on a background with the Hex color E69CDE.

# 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**  
E0A5B1

# Trichromacy



**Original Color**  
E69CDE



**Protanomaly**  
BDABE8



**Deuteranomaly**  
C6A9DB

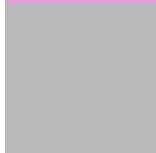


**Tritanomaly**  
E2A2C1

# Monochromacy



**Original Color**  
E69CDE



**Achromatopsia**  
BABABA



**Achromatomaly**  
CAAFC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E69CDE 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 #E69CDE looks like.

```
.text, #text, p{  
    color:#E69CDE  
}
```

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 #E69CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69CDE
}
```

## Border

The CSS property to change the border of an element to Hex E69CDE 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
#E69CDE }
```

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

```
.border{ border-color:#E69CDE }
```

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

Here you see how a box with a 4 pixel #E69CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69CDE; -webkit-box-shadow:4px 4px  
4px 4px #E69CDE; box-shadow:4px 4px 4px  
4px #E69CDE }
```

# Background

The CSS property to change the background color of an element to Hex E69CDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69CDE }
```

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

```
.background{ background-color:#E69CDE }
```

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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