

# Converting Colors

Hex(E69AE5)

Have a look what the booklet for  
Hex(E69AE5) contains.

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# Color

**Hex(E69AE5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E69AE5
RGB	230, 154, 229
RGB Percent	90%, 60%, 90%
CMY	0.0980, 0.3961, 0.1020
CMYK	0.00, 0.33, 0.00, 0.10
HSL	301°, 60%, 75%
HSV	301°, 33%, 90%
XYZ	58.3316, 45.5913, 79.8543
YIQ	185.2740, 21.2210, 39.4370

# Conversions

## Conversions Part 2

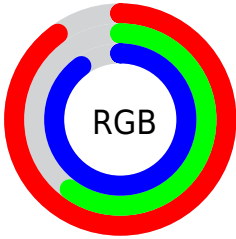
Format	Color
R <sub>Y</sub> B	230, 154, 229
Decimal	15112933
CIE Lab	73.28, 40.08, -26.43
CIE LCh	73, 48.010, 326.597
Yxy	45.5913, 0.3174, 0.2481
Android (android.graphics.Color)	4293303013 (0xFFE69AE5)
YUV	185.2740, 21.5569, 39.2247
Hunter-Lab	67.5214, 36.0435, -22.8545

# Details

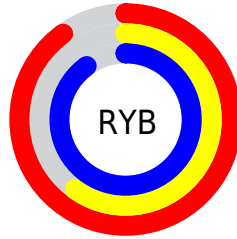
The Hex color **E69AE5** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AE69B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFD1FF**, and **AD65AD** is the 20% darker color. If you saturate the color by 10%, you get **E683E5**, and if you desaturate by 10%, it is **E6B1E5**.

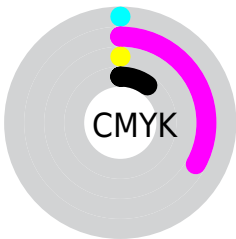
# Distribution



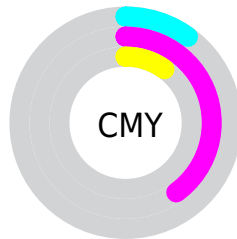
- Red (90%)
- Green (60%)
- Blue (90%)



- Red (90%)
- Yellow (60%)
- Blue (90%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E69AE5 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 E69AE5 by changing the saturation by 10% instead.



 E69AE5

FFFFFF

 FFD1FF

 FFEEFF

 E69AE5

 C97FC9

 AD65AD

 924C93

 773379

 5D1960

 440048

 2D0031

 0C001B

 000000

 E69AE5

 E69AE5

 E683E5

 E6B1E5

 E66CE4

 E6C8E6

 E655E4

 E6DFE6

 E63EE4

 E6F6E6

 E627E3

 E6FFE7

 E610E3

 E6FFE8

 E600E3

# Harmonies

## Analogous

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



B0AFFF



E69AE5



FF90BB

# Triad

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



E69AE5



D3B05A



00CADA

# Complementary

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



E69AE5



9AE69B

# 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.



15CAAD



E69AE5



A7BD63

# Square

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



E69AE5



F5A06C



72C682



00C5FC

# Rectangle

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



E69AE5



FF919D



72C682



00CBCC



# Sweetspot

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



E69AE5



FFE6FF



9A9AE6



80707F



000000



808080



# Same Dimension

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



E69AE5



FF99FE



E69AC0



736773



B300B0



330032



# Inverse Universe

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



E69AE5



FF99FE



9AE6C0



736773



B300B0

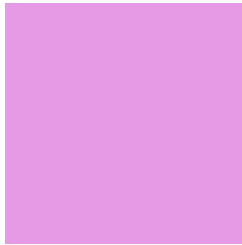


330032



# Previews

## White Background



This preview shows how the Hex color E69AE5 looks on a white background.

## Color Contrast Check

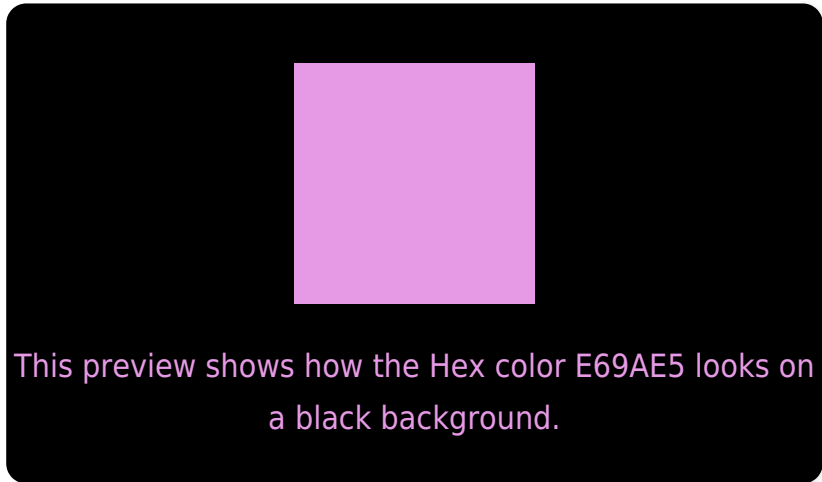
Large Text (above 18pt) WCAG AA × Fail

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 E69AE5 Background



This preview shows how black text looks on a background with the Hex color E69AE5.

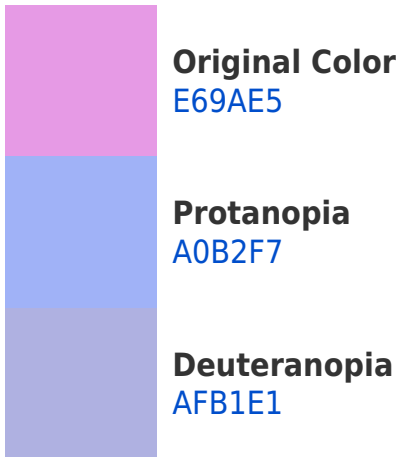


This preview shows how white text looks on a background with the Hex color E69AE5.

# Color Blindness Simulation

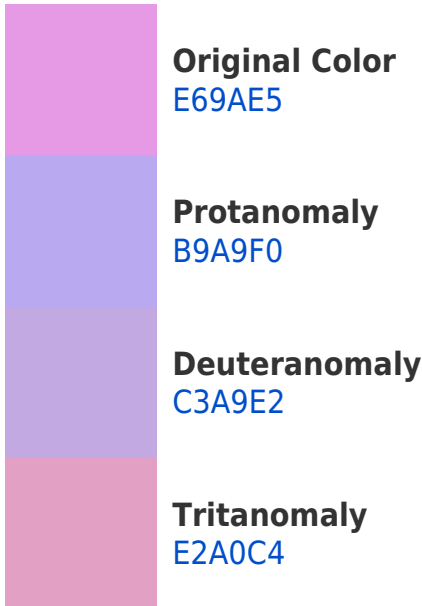
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

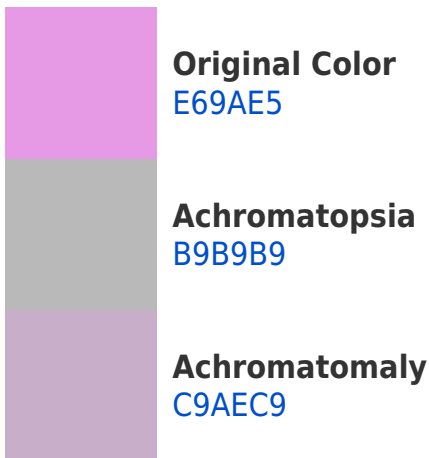




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E69AE5 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 #E69AE5 looks like.

```
.text, #text, p{  
    color:#E69AE5  
}
```

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 #E69AE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E69AE5
}
```

## Border

The CSS property to change the border of an element to Hex E69AE5 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
#E69AE5 }
```

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

```
.border{ border-color:#E69AE5 }
```

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

Here you see how a box with a 4 pixel #E69AE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E69AE5; -webkit-box-shadow:4px 4px  
4px 4px #E69AE5; box-shadow:4px 4px 4px  
4px #E69AE5 }
```

# Background

The CSS property to change the background color of an element to Hex E69AE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E69AE5 }
```

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

```
.background{ background-color:#E69AE5 }
```

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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