

# Converting Colors

Hex(E49FD7)

Have a look what the booklet for  
Hex(E49FD7) contains.

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# **Color**

**Hex(E49FD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E49FD7
RGB	228, 159, 215
RGB Percent	89%, 62%, 84%
CMY	0.1059, 0.3765, 0.1569
CMYK	0.00, 0.30, 0.06, 0.11
HSL	311°, 56%, 76%
HSV	311°, 30%, 89%
XYZ	56.6588, 46.1966, 70.2206
YIQ	186.0150, 23.1480, 32.0440

# Conversions

## Conversions Part 2

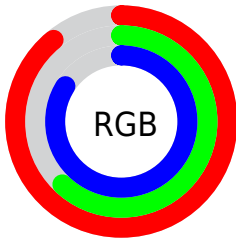
Format	Color
R <sub>Y</sub> B	228, 159, 215
Decimal	14983127
CIE Lab	73.67, 34.28, -18.19
CIE LCh	74, 38.808, 332.054
Yxy	46.1966, 0.3274, 0.2669
Android (android.graphics.Color)	4293173207 (0xFFE49FD7)
YUV	186.0150, 14.2896, 36.8208
Hunter-Lab	67.9680, 29.8552, -13.6773

# Details

The Hex color **E49FD7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9FE4AC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFD6FF**, and **AC6AA0** is the 20% darker color. If you saturate the color by 10%, you get **E488D3**, and if you desaturate by 10%, it is **E4B6DB**.

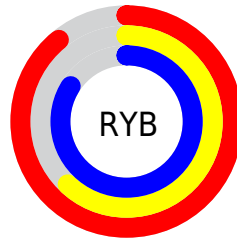
# Distribution



Red (89%)

Green (62%)

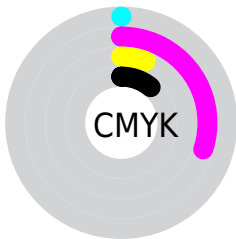
Blue (84%)



Red (89%)

Yellow (62%)

Blue (84%)

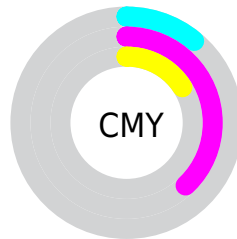


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E49FD7 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 E49FD7 by changing the saturation by 10% instead.



 E49FD7

 E49FD7

FFFFFF

 C784BB

 FFD6FF

 AC6AA0

 FFF3FF

 905186

 76396D

 5C2154

 43063D

 2D0027

 0A0011

 000000

 E49FD7

 E49FD7

 E488D3

 E4B6DB

 E471CE

 E4CDE0

 E45BCA

 E4E3E4

 E444C6

 E4FAE8

 E42DC2

 E4FFEC

 E416BD

 E4FFF1

 E400B9

 E4FFF5

 E4FFF9

 E4FFFE

# Harmonies

## Analogous

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



BCABF1



E49FD7



F899B4

# Triad

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



E49FD7



CAB46D



20C7DA

# Complementary

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



E49FD7



9FE4AC

# 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.



4AC8B6



E49FD7



A5BE77

# Square

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



E49FD7



E8A777



7AC592



47C2F3

# Rectangle

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



E49FD7



FB9B9C



7AC592



2AC8CF



# Sweetspot

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



E49FD7



FFE8FB



AC9FE4



80717D



000000



808080



# Same Dimension

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



E49FD7



FFA3EE



E49FB5



736771



B30091



330029



# Inverse Universe

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



E49FD7



FFA3EE



9FE4CE



736771



B30091

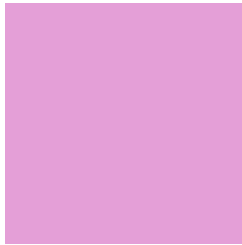


330029



# Previews

## White Background



This preview shows how the Hex color E49FD7 looks on a white background.

## Color Contrast Check

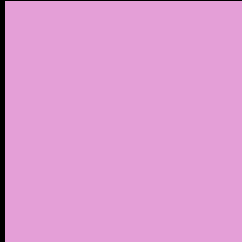
Large Text (above 18pt) WCAG AA × Fail

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 E49FD7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

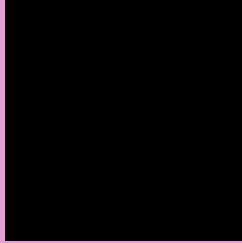
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E49FD7 Background



This preview shows how black text looks on a background with the Hex color E49FD7.

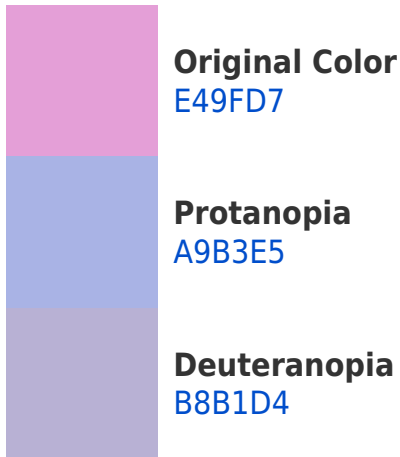


This preview shows how white text looks on a background with the Hex color E49FD7.

# 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**  
DFA6B3

# Trichromacy



**Original Color**  
E49FD7



**Protanomaly**  
BEACE0



**Deuteranomaly**  
C8AAD5

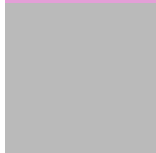


**Tritanomaly**  
E1A3C0

# Monochromacy



**Original Color**  
E49FD7



**Achromatopsia**  
BABABA



**Achromatomaly**  
C9B0C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E49FD7 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 #E49FD7 looks like.

```
.text, #text, p{  
    color:#E49FD7  
}
```

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 #E49FD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49FD7
}
```

## Border

The CSS property to change the border of an element to Hex E49FD7 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
#E49FD7 }
```

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

```
.border{ border-color:#E49FD7 }
```

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

Here you see how a box with a 4 pixel #E49FD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49FD7; -webkit-box-shadow:4px 4px  
4px 4px #E49FD7; box-shadow:4px 4px 4px  
4px #E49FD7 }
```

# Background

The CSS property to change the background color of an element to Hex E49FD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49FD7 }
```

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

```
.background{ background-color:#E49FD7 }
```

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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