

Converting Colors

Hex(E49BDD)

Have a look what the booklet for
Hex(E49BDD) contains.

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Color

Hex(E49BDD)

Conversions

Conversions Part 1

Format	Color
Hex	E49BDD
RGB	228, 155, 221
RGB Percent	89%, 61%, 87%
CMY	0.1059, 0.3922, 0.1333
CMYK	0.00, 0.32, 0.03, 0.11
HSL	306°, 57%, 75%
HSV	306°, 32%, 89%
XYZ	56.7674, 45.1571, 74.1308
YIQ	184.3510, 22.3220, 36.0020

Conversions

Conversions Part 2

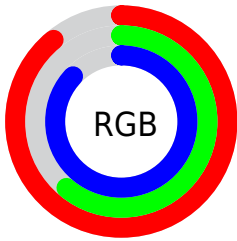
Format	Color
R _Y B	228, 155, 221
Decimal	14982109
CIE Lab	73.00, 37.47, -22.50
CIE LCh	73, 43.711, 329.012
Yxy	45.1571, 0.3224, 0.2565
Android (android.graphics.Color)	4293172189 (0xFFE49BDD)
YUV	184.3510, 18.0680, 38.2802
Hunter-Lab	67.1991, 33.1922, -18.3666

Details

The Hex color **E49BDD** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9BE4A2**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD2FF**, and **AB66A6** is the 20% darker color. If you saturate the color by 10%, you get **E484DB**, and if you desaturate by 10%, it is **E4B2DF**.

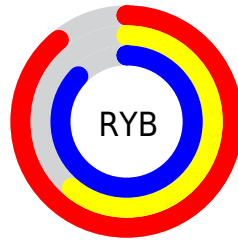
Distribution



Red (89%)

Green (61%)

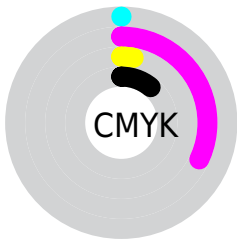
Blue (87%)



Red (89%)

Yellow (61%)

Blue (87%)

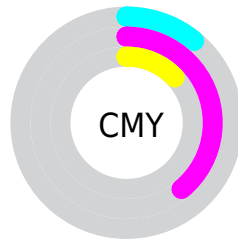


Cyan (0%)

Magenta (32%)

Yellow (3%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color E49BDD 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 E49BDD by changing the saturation by 10% instead.

 E49BDD

 E49BDD

FFFFFF

 C780C1

 FFD2FF

 AB66A6

 FFEFFF

 904D8B

 763572

 5C1C59

 430041

 2C002B

 070016

 000000

 E49BDD

 E49BDD

 E484DB

 E4B2DF

 E46DD9

 E4C9E1

 E457D6

 E4DFE4

 E440D4

 E4F6E6

 E429D2

 E4FFE8

 E412D0

 E4FFEA

 E400CE

 E4FFEC

 E4FFEE

 E4FFF1

Harmonies

Analogous

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



B5A9F9



E49BDD



FD93B6

Triad

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



E49BDD



CEB062



00C7D9

Complementary

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



E49BDD



9BE4A2

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.



32C8B0



E49BDD



A5BC6B

Square

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



E49BDD



EDA270



74C489



00C2F7

Rectangle

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



E49BDD



FF949B



74C489



00C8CC

Sweetspot

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



E49BDD



FFE6FD



A19BE4



80707E



000000



808080

Same Dimension

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



E49BDD



FF9EF6



E49BB9



736772



B300A1



33002E

Inverse Universe

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



E49BDD



FF9EF6



9BE4C6



736772



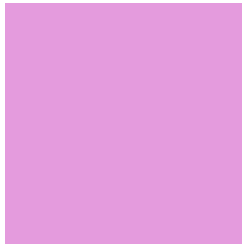
B300A1



33002E

Previews

White Background



This preview shows how the Hex color E49BDD looks on a white background.

Color Contrast Check

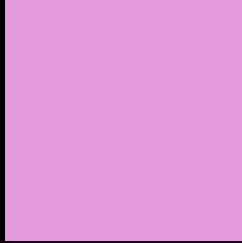
Large Text (above 18pt) WCAG AA × Fail

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 E49BDD 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 E49BDD Background



This preview shows how black text looks on a background with the Hex color E49BDD.

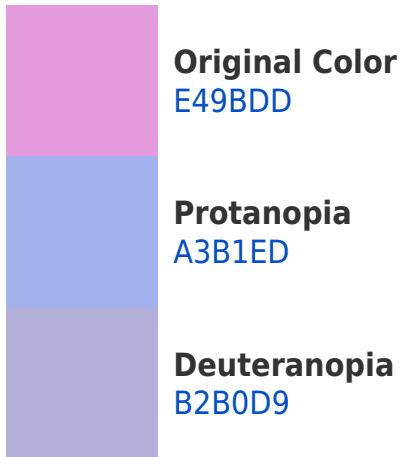



This preview shows how white text looks on a background with the Hex color E49BDD.

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
DEA4B0

Trichromacy



Original Color
E49BDD



Protanomaly
BBA9E7



Deuteranomaly
C4A8DA

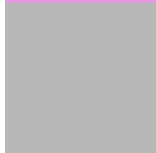


Tritanomaly
E0A1C0

Monochromacy



Original Color
E49BDD



Achromatopsia
B8B8B8



Achromatomaly
C8ADC5

CSS Examples

Text

The CSS property to change the color of the text to Hex E49BDD 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 #E49BDD looks like.

```
.text, #text, p{  
    color:#E49BDD  
}
```

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 #E49BDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E49BDD
}
```

Border

The CSS property to change the border of an element to Hex E49BDD 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
#E49BDD }
```

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

```
.border{ border-color:#E49BDD }
```

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

Here you see how a box with a 4 pixel #E49BDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E49BDD; -webkit-box-shadow:4px 4px  
4px 4px #E49BDD; box-shadow:4px 4px 4px  
4px #E49BDD }
```

Background

The CSS property to change the background color of an element to Hex E49BDD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E49BDD }
```

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

```
.background{ background-color:#E49BDD }
```

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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