

Converting Colors

Hex(E099EC)

Have a look what the booklet for
Hex(E099EC) contains.

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Color

Hex(E099EC)

Conversions

Conversions Part 1

Format	Color
Hex	E099EC
RGB	224, 153, 236
RGB Percent	88%, 60%, 93%
CMY	0.1216, 0.4000, 0.0745
CMYK	0.05, 0.35, 0.00, 0.07
HSL	291°, 69%, 76%
HSV	291°, 35%, 93%
XYZ	57.2720, 44.6859, 84.9636
YIQ	183.6910, 15.6730, 40.8650

Conversions

Conversions Part 2

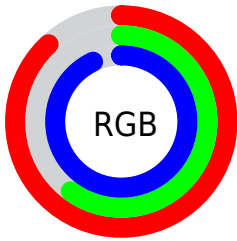
Format	Color
RYB	224, 153, 236
Decimal	14719468
CIELab	72.68, 40.06, -31.22
CIELCh	73, 50.787, 322.063
Yxy	44.6859, 0.3064, 0.2391
Android (android.graphics.Color)	4292909548 (0xFFE099EC)
YUV	183.6910, 25.7883, 35.3510
Hunter-Lab	66.8475, 35.9479, -28.5647

Details

The Hex color **E099EC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A5EC99**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD0FF**, and **A864B4** is the 20% darker color. If you saturate the color by 10%, you get **DD81EC**, and if you desaturate by 10%, it is **E3B1EC**.

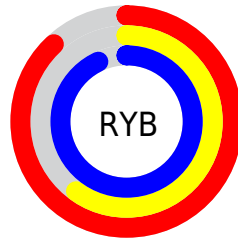
Distribution



Red (88%)

Green (60%)

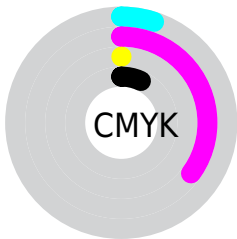
Blue (93%)



Red (88%)

Yellow (60%)

Blue (93%)

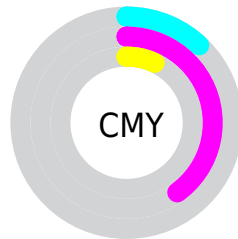


Cyan (5%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (12%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color E099EC 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 E099EC by changing the saturation by 10% instead.

 E099EC

 E099EC

FFFFFF

 C37ED0

 FFD0FF

 A864B4

 FFEDFF

 8C4B99

 72327F

 581965

 3F004D

 280036

 000020

 000003

 E099EC

 E099EC

 DD81EC

 E3B1EC

 D96AEC

 E7C8EC

 D652EC

 EAE0EC

 D23BEC

 EEF7EC

 CF23EC

 F1FFEC

 CC0BEC

 F4FFEC

 CA00EC

 F8FFEC

 FBF FEC

 FFFFEC

Harmonies

Analogous

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



A2ABFF



E099EC



FF8DC1

Triad

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



E099EC



D9AB54



00CAD4

Complementary

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



E099EC



A5EC99

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.



0CC9A4



E099EC



ACBA59

Square

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



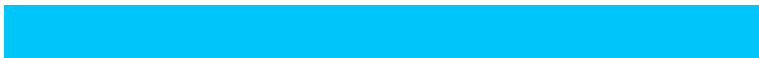
E099EC



FA9B6A



75C477



00C5FB

Rectangle

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



E099EC



FF8CA1



75C477



00CAC4

Sweetspot

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



E099EC



FBE3FF



99A5EC



7D6F80



000000



808080

Same Dimension

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



E099EC



F094FF



EC99CF



746A75



9B00B5



2E0036

Inverse Universe

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



EC99A5



FF94A3



99ECB6



756A6B



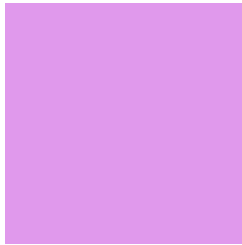
B5001A



360008

Previews

White Background



This preview shows how the Hex color E099EC 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

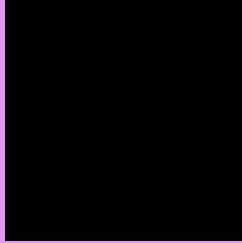
Any Text WCAG AA ✓ Pass

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 E099EC Background



This preview shows how black text looks on a background with the Hex color E099EC.



This preview shows how white text looks on a background with the Hex color E099EC.

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
D8A5B2

Trichromacy



Original Color
E099EC



Protanomaly
B3A8F7



Deuteranomaly
BCA8E9

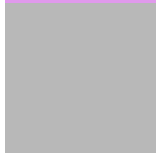


Tritanomaly
DBA1C7

Monochromacy



Original Color
E099EC



Achromatopsia
B8B8B8



Achromatomaly
C7ADCB

CSS Examples

Text

The CSS property to change the color of the text to Hex E099EC 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 #E099EC looks like.

```
.text, #text, p{  
    color:#E099EC  
}
```

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 #E099EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E099EC
}
```

Border

The CSS property to change the border of an element to Hex E099EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

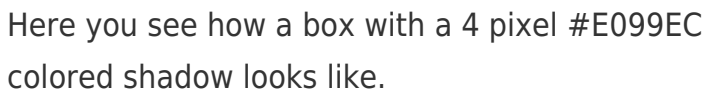
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E099EC }
```

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

```
.border{ border-color:#E099EC }
```

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



Here you see how a box with a 4 pixel #E099EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E099EC; -webkit-box-shadow:4px 4px  
4px 4px #E099EC; box-shadow:4px 4px 4px  
4px #E099EC }
```

Background

The CSS property to change the background color of an element to Hex E099EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E099EC }
```

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

```
.background{ background-color:#E099EC }
```

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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