

# Converting Colors

Hex(E039E0)

Have a look what the booklet for  
Hex(E039E0) contains.

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# Color

**Hex(E039E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E039E0
RGB	224, 57, 224
RGB Percent	88%, 22%, 88%
CMY	0.1216, 0.7765, 0.1216
CMYK	0.00, 0.75, 0.00, 0.12
HSL	300°, 73%, 55%
HSV	300°, 75%, 88%
XYZ	45.6581, 24.1554, 72.7770
YIQ	125.9710, 45.9250, 87.3410

# Conversions

## Conversions Part 2

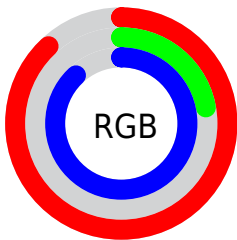
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 57, 224
Decimal	14694880
CIE Lab	56.24, 80.20, -50.31
CIE LCh	56, 94.671, 327.898
Yxy	24.1554, 0.3202, 0.1694
Android (android.graphics.Color)	4292884960 (0xFFE039E0)
YUV	125.9710, 48.3283, 85.9714
Hunter-Lab	49.1481, 79.8157, -53.3911

# Details

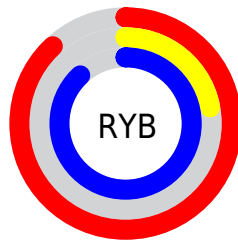
The Hex color **E039E0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **39E039**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF79FF**, and **A400A8** is the 20% darker color. If you saturate the color by 10%, you get **E023E0**, and if you desaturate by 10%, it is **E04FE0**.

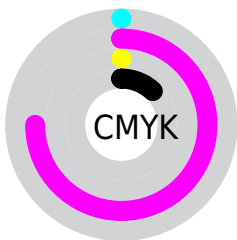
# Distribution



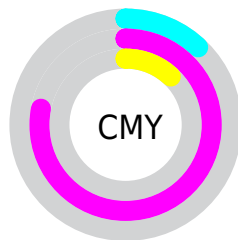
- Red (88%)
- Green (22%)
- Blue (88%)



- Red (88%)
- Yellow (22%)
- Blue (88%)



- Cyan (0%)
- Magenta (75%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (78%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E039E0 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 E039E0 by changing the saturation by 10% instead.



 E039E0

 E039E0

FFFFFF

 C200C4

 FF79FF

 A400A8

 FF97FF

 87008D

 FFB5FF


 6B0073

 FFD2FF

 4E005A

 FFF1FF

 330041

 11002A

 000114

 000000

 E039E0

 E039E0

 E023E0

 E04FE0

 E00CE0

 E066E0

 E000E0

 E07CE0

 E093E0

 E0A9E0

 E0BFE0

 E0D6E0

 E0ECE0

 E0FFE0

# Harmonies

## Analogous

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



6373FF



E039E0



FF0090

# Triad

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



E039E0



A98200



00A8D3

# Complementary

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



E039E0



39E039

# 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.



00A77F



E039E0



569800

# Square

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



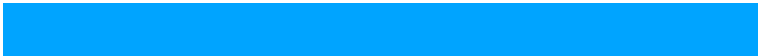
E039E0



E65B00



00A321



00A4FF

# Rectangle

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



E039E0



FF005A



00A321



00A8B8



# Sweetspot

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



E039E0



FFC7FF



3939E0



805E80



000000



808080



# Same Dimension

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



E039E0



FF1CFF



E0398C



706570



B000B0



300030



# Inverse Universe

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



E039E0



FF1CFF



39E08C



706570



B000B0

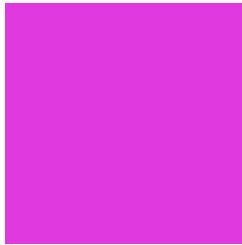


300030



# Previews

## White Background



This preview shows how the Hex color E039E0 looks on a white background.

## Color Contrast Check

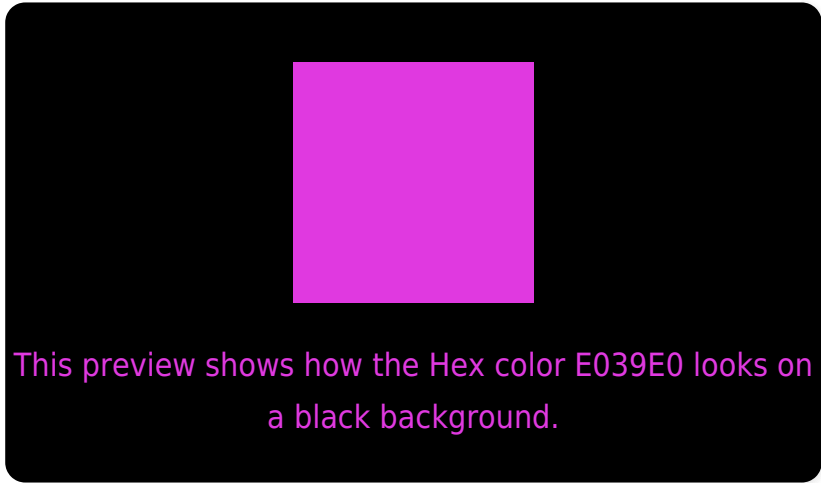
Large Text (above 18pt) WCAG AA ✓ Pass

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

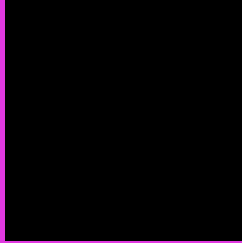
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E039E0 Background



This preview shows how black text looks on a background with the Hex color E039E0.

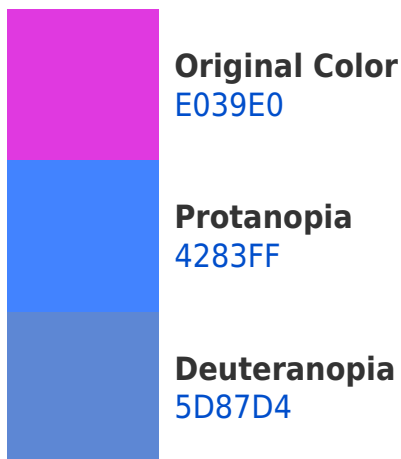


This preview shows how white text looks on a background with the Hex color E039E0.

# 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**  
D3646B

# Trichromacy



**Original Color**  
E039E0



**Protanomaly**  
7B68F4



**Deuteranomaly**  
8D6BD8



**Tritanomaly**  
D85496

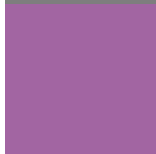
# Monochromacy



**Original Color**  
E039E0



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
A265A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E039E0 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 #E039E0 looks like.

```
.text, #text, p{  
    color:#E039E0  
}
```

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 #E039E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E039E0
}
```

## Border

The CSS property to change the border of an element to Hex E039E0 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
#E039E0 }
```

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

```
.border{ border-color:#E039E0 }
```

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

Here you see how a box with a 4 pixel #E039E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E039E0; -webkit-box-shadow:4px 4px  
4px 4px #E039E0; box-shadow:4px 4px 4px  
4px #E039E0 }
```

# Background

The CSS property to change the background color of an element to Hex E039E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E039E0 }
```

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

```
.background{ background-color:#E039E0 }
```

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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