

# Converting Colors

Hex(EAC6F9)

Have a look what the booklet for  
Hex(EAC6F9) contains.

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# **Color**

**Hex(EAC6F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAC6F9
RGB	234, 198, 249
RGB Percent	92%, 78%, 98%
CMY	0.0824, 0.2235, 0.0235
CMYK	0.06, 0.20, 0.00, 0.02
HSL	282°, 81%, 88%
HSV	282°, 20%, 98%
XYZ	71.2247, 64.7201, 98.3608
YIQ	214.5780, 5.0850, 23.4930

# Conversions

## Conversions Part 2

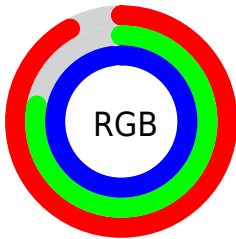
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 198, 249</a>
Decimal	<a href="#">15386361</a>
CIELab	<a href="#">84.34, 21.65, -20.34</a>
CIELCh	<a href="#">84, 29.708, 316.794</a>
Yxy	<a href="#">64.7201, 0.3040, 0.2762</a>
Android (android.graphics.Color)	<a href="#">4293576441 (0xFFEAC6F9)</a>
YUV	<a href="#">214.5780, 16.9700, 17.0331</a>
Hunter-Lab	<a href="#">80.4488, 17.2479, -16.1768</a>

# Details

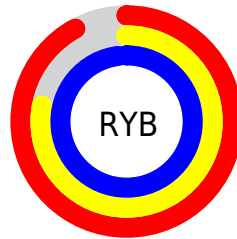
The Hex color **EAC6F9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D5F9C6**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFFFF**, and **B290C0** is the 20% darker color. If you saturate the color by 10%, you get **E3ADF9**, and if you desaturate by 10%, it is **F1DFF9**.

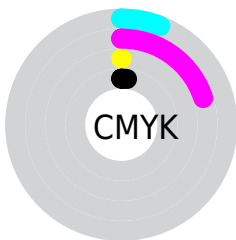
# Distribution



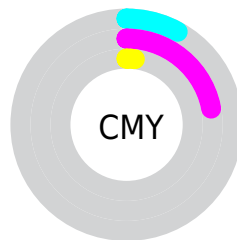
- Red (92%)
- Green (78%)
- Blue (98%)



- Red (92%)
- Yellow (78%)
- Blue (98%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (22%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EAC6F9 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 EAC6F9 by changing the saturation by 10% instead.



 EAC6F9

 EAC6F9

FFFFFF

 CEABDC

 B290C0

 9776A5

 7D5D8B

 634571

 4B2F59

 341941

 1E012B

 000116

 EAC6F9

 EAC6F9

 E3ADF9

 F1DFF9

 DB94F9

 F9F8F9

 D47BF9

 FFFFF9

 CD62F9

 C54AF9

 BE31F9

 B718F9

 B000F9

# Harmonies

## Analogous

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



C6D0FF



EAC6F9



FFBFE0

# Triad

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



EAC6F9



F2CC9C



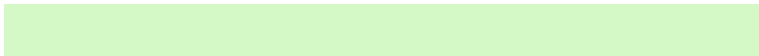
82E2E2

# Complementary

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



EAC6F9



D5F9C6

# 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.



98E1C5



EAC6F9



D7D69D

# Square

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



EAC6F9



FFC4AB



B7DDAB



84DFFA

# Rectangle

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



EAC6F9



FFBECD



B7DDAB



88E2D8



# Sweetspot

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



EAC6F9



FBF0FF



C6D5F9



7D7780



000000



808080



# Same Dimension

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



EAC6F9



ECBFFF



F9C6EF



79707D



8500BD



2B003D



# Inverse Universe

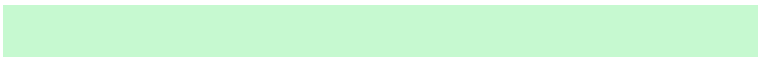
The Inverse Universe completely reimagines the original color for something new.



F9C6D5



FFBFD2



C6F9D0



7D7074



BD0037

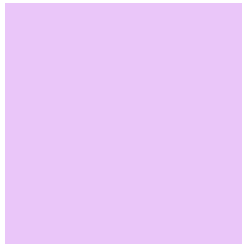


3D0012



# Previews

## White Background



This preview shows how the Hex color EAC6F9 looks on a white background.

## Color Contrast Check

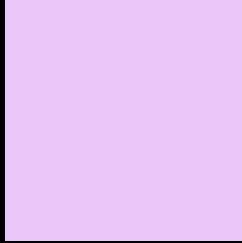
Large Text (above 18pt) WCAG AA × Fail

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 EAC6F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

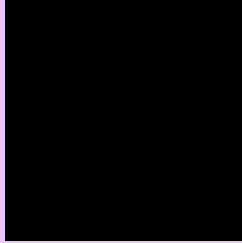
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EAC6F9 Background



This preview shows how black text looks on a background with the Hex color EAC6F9.

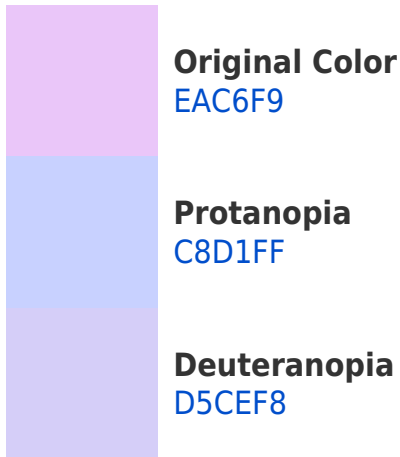


This preview shows how white text looks on a background with the Hex color EAC6F9.

# 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**  
E5CBDB

# Trichromacy



**Original Color**  
EAC6F9



**Protanomaly**  
D4CDFD



**Deuteranomaly**  
DDCBF8

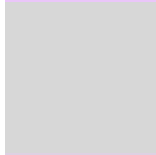


**Tritanomaly**  
E7C9E6

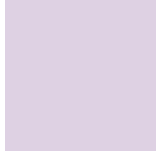
# Monochromacy



**Original Color**  
EAC6F9



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
DED1E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EAC6F9 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 #EAC6F9 looks like.

```
.text, #text, p{  
    color:#EAC6F9  
}
```

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 #EAC6F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EAC6F9
}
```

## Border

The CSS property to change the border of an element to Hex EAC6F9 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
#EAC6F9 }
```

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

```
.border{ border-color:#EAC6F9 }
```

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

Here you see how a box with a 4 pixel #EAC6F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EAC6F9; -webkit-box-shadow:4px 4px  
4px 4px #EAC6F9; box-shadow:4px 4px 4px  
4px #EAC6F9 }
```

# Background

The CSS property to change the background color of an element to Hex EAC6F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EAC6F9 }
```

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

```
.background{ background-color:#EAC6F9 }
```

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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