

# Converting Colors

Hex(E3C3F4)

Have a look what the booklet for  
Hex(E3C3F4) contains.

<b>Hex(E3C3F4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(E3C3F4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3C3F4
RGB	227, 195, 244
RGB Percent	89%, 76%, 96%
CMY	0.1098, 0.2353, 0.0431
CMYK	0.07, 0.20, 0.00, 0.04
HSL	279°, 69%, 86%
HSV	279°, 20%, 96%
XYZ	67.5228, 61.8928, 93.9756
YIQ	210.1540, 3.3430, 22.0230

# Conversions

## Conversions Part 2

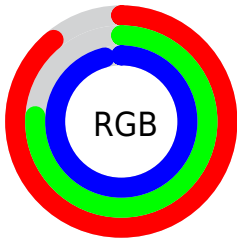
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	227, 195, 244
Decimal	14926836
CIE <sub>Lab</sub>	82.86, 20.04, -19.98
CIE <sub>LCh</sub>	83, 28.296, 315.084
Yxy	61.8928, 0.3023, 0.2771
Android (android.graphics.Color)	4293116916 (0xFFE3C3F4)
YUV	210.1540, 16.6861, 14.7739
Hunter-Lab	78.6720, 15.5276, -15.7530

# Details

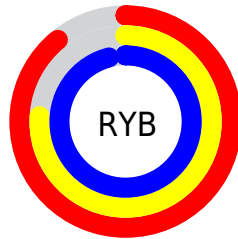
The Hex color **E3C3F4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D4F4C3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFCFF**, and **AB8DBC** is the 20% darker color. If you saturate the color by 10%, you get **DBABF4**, and if you desaturate by 10%, it is **EBDBF4**.

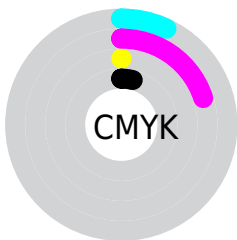
# Distribution



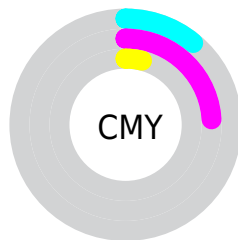
- Red (89%)
- Green (76%)
- Blue (96%)



- Red (89%)
- Yellow (76%)
- Blue (96%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (24%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E3C3F4 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 E3C3F4 by changing the saturation by 10% instead.



 E3C3F4

FFFFFF

 FFFCFF

 E3C3F4

 C7A8D8

 AB8DBC

 9174A1

 775B86

 5D436D

 452C55

 2E173D

 1B0027

 000111

 E3C3F4

 E3C3F4

 DBABF4

 EBDBF4

 D292F4

 F4F4F4

 CA7AF4


 FCFFF4

 C161F4

 FFFFF4

 B949F4

 B031F4

 A818F4

 9F00F4

# Harmonies

## Analogous

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



C1CCFF



E3C3F4



FBBCDD

# Triad

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



E3C3F4



EEC89B



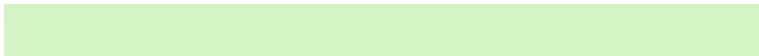
84DDDB

# Complementary

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



E3C3F4



D4F4C3

# 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.



98DCC0



E3C3F4



D4D19B

# Square

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



E3C3F4



FFC0AA



B6D8A8



84DBF3

# Rectangle

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



E3C3F4



FFBBCB



B6D8A8



89DDD2



# Sweetspot

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



E3C3F4



FAF0FF



C3D4F4



7C7780



000000



808080



# Same Dimension

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



E3C3F4



EAC2FF



F4C3ED



766E7A



7A00BA



26003B



# Inverse Universe

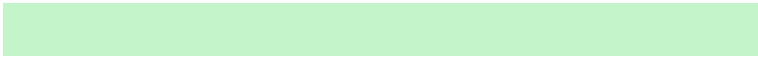
The Inverse Universe completely reimagines the original color for something new.



F4C3D4



FFC2D7



C3F4CA



7A6E72



BA0041



3B0014



# Previews

## White Background



This preview shows how the Hex color E3C3F4 looks on a white background.

## Color Contrast Check

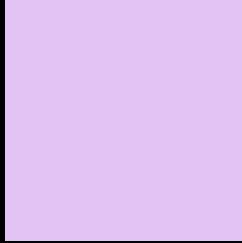
Large Text (above 18pt) WCAG AA × Fail

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 E3C3F4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

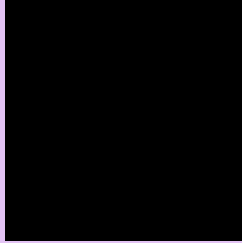
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E3C3F4 Background



This preview shows how black text looks on a background with the Hex color E3C3F4.

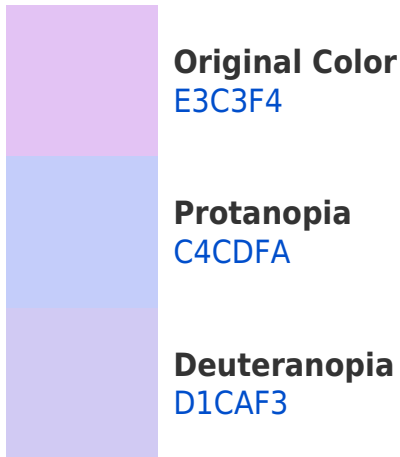


This preview shows how white text looks on a background with the Hex color E3C3F4.

# 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**  
DFC8D8

# Trichromacy



**Original Color**  
E3C3F4

**Protanomaly**  
CFC9F8

**Deuteranomaly**  
D8C7F3

**Tritanomaly**  
E0C6E2

# Monochromacy



**Original Color**  
E3C3F4

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
D8CDDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E3C3F4 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 #E3C3F4 looks like.

```
.text, #text, p{  
    color:#E3C3F4  
}
```

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 #E3C3F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E3C3F4
}
```

## Border

The CSS property to change the border of an element to Hex E3C3F4 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
#E3C3F4 }
```

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

```
.border{ border-color:#E3C3F4 }
```

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

Here you see how a box with a 4 pixel #E3C3F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E3C3F4; -webkit-box-shadow:4px 4px  
4px 4px #E3C3F4; box-shadow:4px 4px 4px  
4px #E3C3F4 }
```

# Background

The CSS property to change the background color of an element to Hex E3C3F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E3C3F4 }
```

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

```
.background{ background-color:#E3C3F4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor