

# Converting Colors

Hex(E37FC0)

Have a look what the booklet for  
Hex(E37FC0) contains.

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# Color

Hex(E37FC0)

# Conversions

## Conversions Part 1

Format	Color
Hex	E37FC0
RGB	227, 127, 192
RGB Percent	89%, 50%, 75%
CMY	0.1098, 0.5020, 0.2471
CMYK	0.00, 0.44, 0.15, 0.11
HSL	321°, 64%, 69%
HSV	321°, 44%, 89%
XYZ	48.7824, 35.3154, 54.1146
YIQ	164.3100, 38.7350, 41.4150

# Conversions

## Conversions Part 2

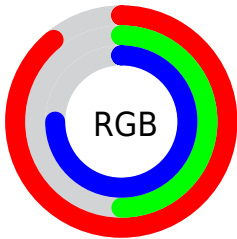
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 127, 192
Decimal	14909376
CIE Lab	65.99, 46.90, -17.05
CIE LCh	66, 49.908, 340.019
Yxy	35.3154, 0.3530, 0.2555
Android (android.graphics.Color)	4293099456 (0xFFE37FC0)
YUV	164.3100, 13.6512, 54.9791
Hunter-Lab	59.4268, 42.5306, -12.3913

# Details

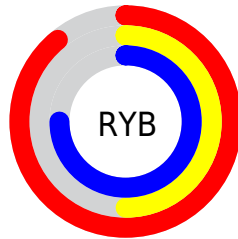
The Hex color **E37FC0** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **7FE3A2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFB6F8**, and **AA4A8A** is the 20% darker color. If you saturate the color by 10%, you get **E368B8**, and if you desaturate by 10%, it is **E396C8**.

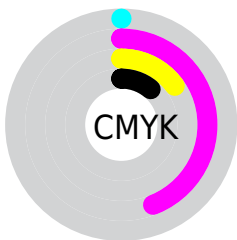
# Distribution



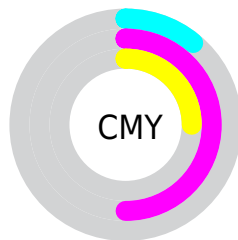
- Red (89%)
- Green (50%)
- Blue (75%)



- Red (89%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (44%)
- Yellow (15%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37FC0 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 E37FC0 by changing the saturation by 10% instead.



 E37FC0

 E37FC0

FFFFFF

 C664A5

 FFB6F8

 AA4A8A

 FFD2FF

 8E3071

 FFEFFF

 731158

 580041

 3E002B

 270016

 000000

 E37FC0

 E37FC0

 E368B8

 E396C8

 E352B0

 E3ACD0

 E33BA8

 E3C3D8

 E324A0

 E3DAE0

 E30E98

 E3F1E8

 E30094

 E3FFF0

 E3FFF8

 E3FFFF

# Harmonies

## Analogous

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



B78FE5



E37FC0



F47A93

# Triad

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



E37FC0



ACA344



00B5D9

# Complementary

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



E37FC0



7FE3A2

# 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.



00B7AE



E37FC0



7CAE59

# Square

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



E37FC0



D3934B



36B580



00ADF4

# Rectangle

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



E37FC0



F27F76



36B580



00B6CC



# Sweetspot

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



E37FC0



FFDEF3



A27FE3



806B78



000000



808080



# Same Dimension

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



E37FC0



FF78D0



E37F8E



73676F



B30074



330021



# Inverse Universe

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



E37FC0



FF78D0



7FE3D4



73676F



B30074



330021



# Previews

## White Background



This preview shows how the Hex color E37FC0 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 E37FC0 Background



This preview shows how black text looks on a background with the Hex color E37FC0.

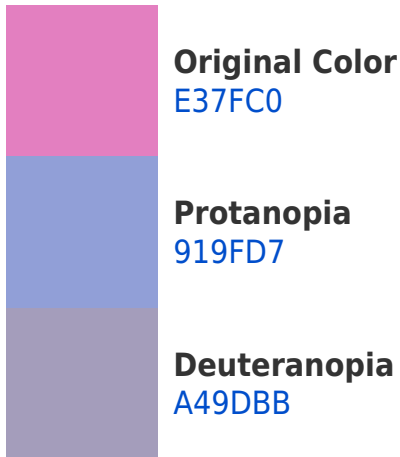



This preview shows how white text looks on a background with the Hex color E37FC0.

# 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**  
DE8892

# Trichromacy



**Original Color**  
E37FC0



**Protanomaly**  
AF93CF



**Deuteranomaly**  
BB92BD

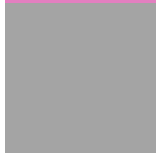


**Tritanomaly**  
E085A3

# Monochromacy



**Original Color**  
E37FC0



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
BB97AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37FC0 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 #E37FC0 looks like.

```
.text, #text, p{  
    color:#E37FC0  
}
```

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 #E37FC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37FC0
}
```

## Border

The CSS property to change the border of an element to Hex E37FC0 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
#E37FC0 }
```

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

```
.border{ border-color:#E37FC0 }
```

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

Here you see how a box with a 4 pixel #E37FC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37FC0; -webkit-box-shadow:4px 4px  
4px 4px #E37FC0; box-shadow:4px 4px 4px  
4px #E37FC0 }
```

# Background

The CSS property to change the background color of an element to Hex E37FC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37FC0 }
```

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

```
.background{ background-color:#E37FC0 }
```

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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