

# Converting Colors

Hex(E37BC0)

Have a look what the booklet for  
Hex(E37BC0) contains.

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# **Color**

**Hex(E37BC0)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E37BC0                     |
| RGB         | 227, 123, 192              |
| RGB Percent | 89%, 48%, 75%              |
| CMY         | 0.1098, 0.5176, 0.2471     |
| CMYK        | 0.00, 0.46, 0.15, 0.11     |
| HSL         | 320°, 65%, 69%             |
| HSV         | 320°, 46%, 89%             |
| XYZ         | 48.2759, 34.3026, 53.9458  |
| YIQ         | 161.9620, 39.8350, 43.5070 |

# Conversions

## Conversions Part 2

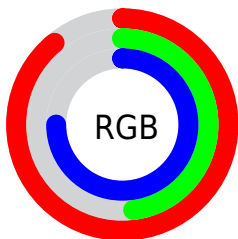
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| RYB                                 | 227, 123, 192                 |
| Decimal                             | 14908352                      |
| CIELab                              | 65.20, 48.92, -18.25          |
| CIELCh                              | 65, 52.219, 339.540           |
| Yxy                                 | 34.3026, 0.3536,<br>0.2513    |
| Android<br>(android.graphics.Color) | 4293098432<br>(0xFFE37BC0)    |
| YUV                                 | 161.9620, 14.8087,<br>57.0383 |
| Hunter-Lab                          | 58.5684, 44.6368,<br>-13.6126 |

# Details

The Hex color **E37BC0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7BE39E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB2F8**, and **A9468A** is the 20% darker color. If you saturate the color by 10%, you get **E364B8**, and if you desaturate by 10%, it is **E392C8**.

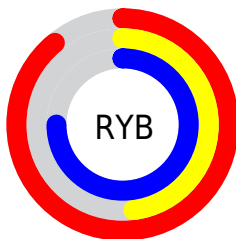
# Distribution



Red (89%)

Green (48%)

Blue (75%)



Red (89%)

Yellow (48%)

Blue (75%)

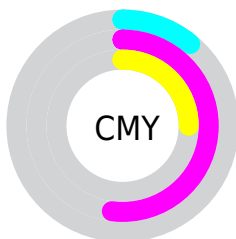


Cyan (0%)

Magenta (46%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (52%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E37BC0 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 E37BC0 by changing the saturation by 10% instead.



 E37BC0

 E37BC0

FFFFFF

 C660A5

 FF2F8

 A9468A

 FFCEFF

 8E2B71

 FFE8FF

 720858

 580041

 3E002B

 250016

 000000

 E37BC0

 E37BC0

 E364B8

 E392C8

 E34EB1

 E3A8CF

 E337A9

 E3BFD7

 E320A1

 E3D6DF

 E30A9A

 E3ECE6

 E30097

 E3FFEE

 E3FFF5

 E3FFFD

 E3FFFF

# Harmonies

## Analogous

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



B58CE7



E37BC0



F57591

# Triad

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



E37BC0



ABA13D



00B4D9

# Complementary

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



E37BC0



7BE39E

# 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.



00B6AC



E37BC0



78AC53

# Square

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



E37BC0



D39045



2AB37C



00ACF5

# Rectangle

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



E37BC0



F37A73



2AB37C



00B5CB



# Sweetspot

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



E37BC0



FFDBF3



9E7BE3



806A78



000000



808080



# Same Dimension

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



E37BC0



FF73D0



E37B8C



73676F



B30076



330022



# Inverse Universe

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



E37BC0



FF73D0



7BE3D2



73676F



B30076



330022



# Previews

## White Background



This preview shows how the Hex color E37BC0 looks on a white background.

## Color Contrast Check

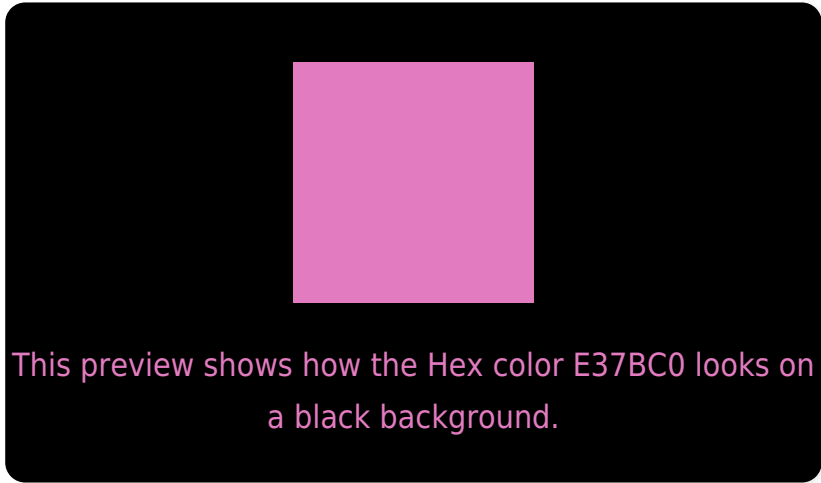
Large Text (above 18pt) WCAG AA × Fail

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 E37BC0 Background



This preview shows how black text looks on a background with the Hex color E37BC0.

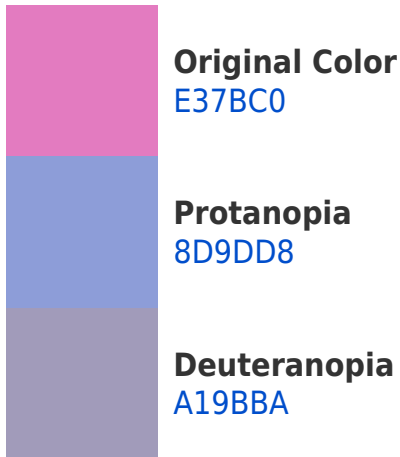



This preview shows how white text looks on a background with the Hex color E37BC0.

# 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**  
DE858F

# Trichromacy



**Original Color**  
E37BC0



**Protanomaly**  
AC91CF



**Deuteranomaly**  
B98FBC

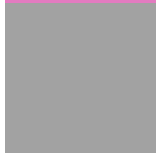


**Tritanomaly**  
E081A1

# Monochromacy



**Original Color**  
E37BC0



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
BA94AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E37BC0 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 #E37BC0 looks like.

```
.text, #text, p{  
    color:#E37BC0  
}
```

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 #E37BC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E37BC0
}
```

## Border

The CSS property to change the border of an element to Hex E37BC0 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
#E37BC0 }
```

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

```
.border{ border-color:#E37BC0 }
```

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

Here you see how a box with a 4 pixel #E37BC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E37BC0; -webkit-box-shadow:4px 4px  
4px 4px #E37BC0; box-shadow:4px 4px 4px  
4px #E37BC0 }
```

# Background

The CSS property to change the background color of an element to Hex E37BC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E37BC0 }
```

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

```
.background{ background-color:#E37BC0 }
```

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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