

# Converting Colors

Hex(E0B5F4)

Have a look what the booklet for  
Hex(E0B5F4) contains.

<b>Hex(E0B5F4)</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(E0B5F4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0B5F4
RGB	224, 181, 244
RGB Percent	88%, 71%, 96%
CMY	0.1216, 0.2902, 0.0431
CMYK	0.08, 0.26, 0.00, 0.04
HSL	281°, 74%, 83%
HSV	281°, 26%, 96%
XYZ	63.5935, 55.4267, 92.9346
YIQ	201.0390, 5.4050, 28.7090

# Conversions

## Conversions Part 2

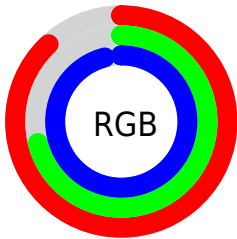
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">224, 181, 244</a>
Decimal	<a href="#">14726644</a>
CIELab	<a href="#">79.29, 26.60, -25.43</a>
CIElCh	<a href="#">79, 36.798, 316.288</a>
Yxy	<a href="#">55.4267, 0.3000, 0.2615</a>
Android (android.graphics.Color)	<a href="#">4292916724</a> ( <a href="#">0xFFE0B5F4</a> )
YUV	<a href="#">201.0390, 21.1798, 20.1368</a>
Hunter-Lab	<a href="#">74.4491, 22.1865, -21.8972</a>

# Details

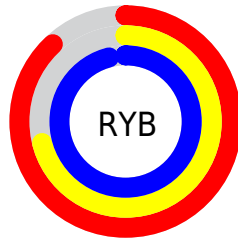
The Hex color **E0B5F4** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **C9F4B5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFEDFF**, and **A880BC** is the 20% darker color. If you saturate the color by 10%, you get **D89DF4**, and if you desaturate by 10%, it is **E8CDF4**.

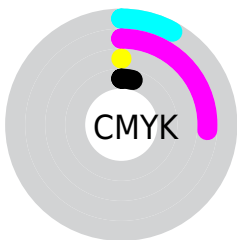
# Distribution



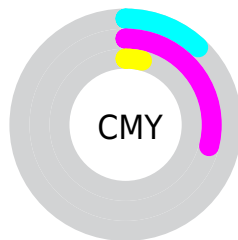
- Red (88%)
- Green (71%)
- Blue (96%)



- Red (88%)
- Yellow (71%)
- Blue (96%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (12%)
- Magenta (29%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E0B5F4 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 E0B5F4 by changing the saturation by 10% instead.



 E0B5F4

FFFFFF

 FFEDFF

 E0B5F4

 C49AD7

 A880BC

 8D66A1

 734E86

 5A366D

 422054

 2A0A3D

 180027

 000110

 E0B5F4

 E0B5F4

 D89DF4

 E8CDF4

 D184F4

 EFE6F4

 C96CF4

 F7FEF4

 C153F4

 FFFFF4

 B93BF4

 B223F4

 AA0AF4

 A700F4

# Harmonies

## Analogous

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



B2C1FF



E0B5F4



FEACD6

# Triad

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



E0B5F4



EABD82



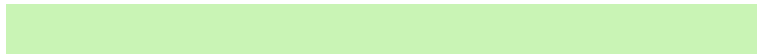
55D7D6

# Complementary

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



E0B5F4



C9F4B5

# 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.



79D6B3



E0B5F4



C9C882

# Square

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



E0B5F4



FFB294



A2D194



52D4F5

# Rectangle

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



E0B5F4



FFAABE



A2D194



5FD7CB



# Sweetspot

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



E0B5F4



F9EBFF



B5CAF4



7B7380



000000



808080



# Same Dimension

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



E0B5F4



E6B0FF



F4B5EA



776E7A



7F00BA



28003B



# Inverse Universe

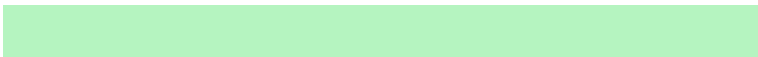
The Inverse Universe completely reimagines the original color for something new.



F4B5C9



FFB0C9



B5F4C0



7A6E72



BA003B

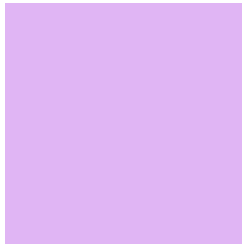


3B0013



# Previews

## White Background



This preview shows how the Hex color E0B5F4 looks on a white background.

## Color Contrast Check

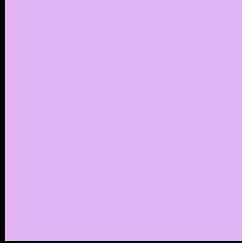
Large Text (above 18pt) WCAG AA × Fail

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 E0B5F4 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 E0B5F4 Background



This preview shows how black text looks on a background with the Hex color E0B5F4.

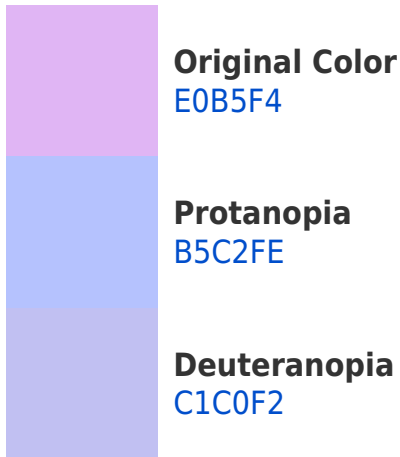


This preview shows how white text looks on a background with the Hex color E0B5F4.

# 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





# Trichromacy



**Original Color**  
E0B5F4



**Protanomaly**  
C5BDFA



**Deuteranomaly**  
CCBCF3

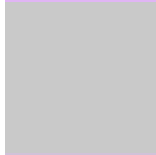


**Tritanomaly**  
DCBADA

# Monochromacy



**Original Color**  
E0B5F4



**Achromatopsia**  
C9C9C9



**Achromatomaly**  
D1C2D9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E0B5F4 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 #E0B5F4 looks like.

```
.text, #text, p{  
    color:#E0B5F4  
}
```

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 #E0B5F4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0B5F4
}
```

## Border

The CSS property to change the border of an element to Hex E0B5F4 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
#E0B5F4 }
```

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

```
.border{ border-color:#E0B5F4 }
```

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

Here you see how a box with a 4 pixel #E0B5F4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0B5F4; -webkit-box-shadow:4px 4px  
4px 4px #E0B5F4; box-shadow:4px 4px 4px  
4px #E0B5F4 }
```

# Background

The CSS property to change the background color of an element to Hex E0B5F4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0B5F4 }
```

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

```
.background{ background-color:#E0B5F4 }
```

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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