

Converting Colors

Hex(E0BAF7)

Have a look what the booklet for
Hex(E0BAF7) contains.

Hex(E0BAF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0BAF7)

Conversions

Conversions Part 1

Format	Color
Hex	E0BAF7
RGB	224, 186, 247
RGB Percent	88%, 73%, 97%
CMY	0.1216, 0.2706, 0.0314
CMYK	0.09, 0.25, 0.00, 0.03
HSL	277°, 79%, 85%
HSV	277°, 25%, 97%
XYZ	65.0879, 57.6805, 95.6986
YIQ	204.3160, 3.0670, 27.0270

Conversions

Conversions Part 2

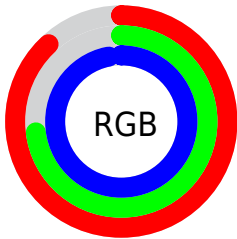
Format	Color
R _Y B	224, 186, 247
Decimal	14727927
CIE Lab	80.56, 24.50, -25.09
CIE LCh	81, 35.073, 314.319
Yxy	57.6805, 0.2979, 0.2640
Android (android.graphics.Color)	4292918007 (0xFFE0BAF7)
YUV	204.3160, 21.0432, 17.2629
Hunter-Lab	75.9477, 20.0677, -21.5456

Details

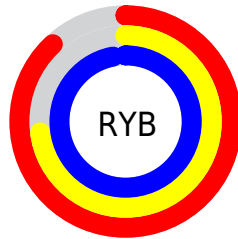
The Hex color **E0BAF7** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **D1F7BA**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFF2FF**, and **A885BF** is the 20% darker color. If you saturate the color by 10%, you get **D7A1F7**, and if you desaturate by 10%, it is **E9D3F7**.

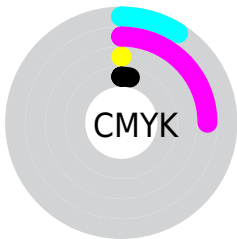
Distribution



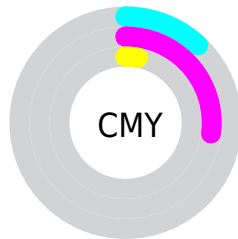
- Red (88%)
- Green (73%)
- Blue (97%)



- Red (88%)
- Yellow (73%)
- Blue (97%)



- Cyan (9%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (12%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0BAF7 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 E0BAF7 by changing the saturation by 10% instead.

 E0BAF7

FFFFFF

 FFF2FF

 E0BAF7

 C49FDA

 A885BF

 8D6BA3

 735389

 5A3B6F

 422557

 2A0F3F

 190029

 000113

 E0BAF7

 E0BAF7

 D7A1F7

 E9D3F7

 CD89F7

 F3EBF7

 C470F7

 FCFFF7

 BB57F7

 FFFFF7

 B13FF7

 A826F7

 9F0DF7

 9A00F7

Harmonies

Analogous

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



B4C6FF



E0BAF7



FEB1DB

Triad

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



E0BAF7



EEC089



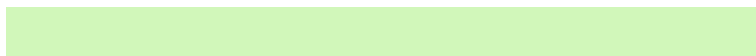
63DAD7

Complementary

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



E0BAF7



D1F7BA

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.



84D9B5



E0BAF7



CFCB88

Square

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



E0BAF7



FFB69C



AAD498



5FD7F5

Rectangle

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



E0BAF7



FFAFC4



AAD498



6CDACC

Sweetspot

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



E0BAF7



F8EDFF



BAD1F7



7C7580



000000



808080

Same Dimension

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



E0BAF7



E2B3FF



F7BAF0



766E7A



7400BA



25003B

Inverse Universe

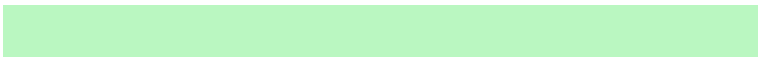
The Inverse Universe completely reimagines the original color for something new.



F7BAD1



FFB3CF



BAF7C1



7A6E73



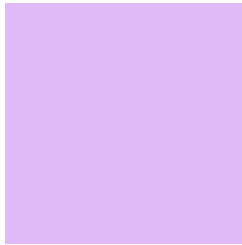
BA0046



3B0016

Previews

White Background



This preview shows how the Hex color E0BAF7 looks on a white background.

Color Contrast Check

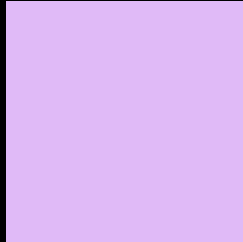
Large Text (above 18pt) WCAG AA × Fail

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 E0BAF7 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 E0BAF7 Background



This preview shows how black text looks on a background with the Hex color E0BAF7.

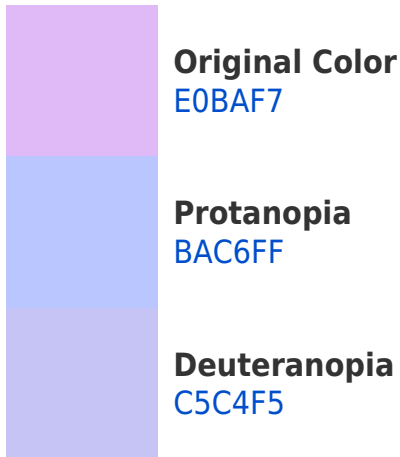


This preview shows how white text looks on a background with the Hex color E0BAF7.

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
DAC1D0

Trichromacy



Original Color
E0BAF7



Protanomaly
C8C2FC



Deuteranomaly
CFC0F6



Tritanomaly
DCBEDE

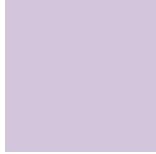
Monochromacy



Original Color
E0BAF7



Achromatopsia
CCCCCC



Achromatomaly
D3C5DC

CSS Examples

Text

The CSS property to change the color of the text to Hex E0BAF7 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 #E0BAF7 looks like.

```
.text, #text, p{  
    color:#E0BAF7  
}
```

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 #E0BAF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0BAF7
}
```

Border

The CSS property to change the border of an element to Hex E0BAF7 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
#E0BAF7 }
```

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

```
.border{ border-color:#E0BAF7 }
```

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

Here you see how a box with a 4 pixel #E0BAF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0BAF7; -webkit-box-shadow:4px 4px  
4px 4px #E0BAF7; box-shadow:4px 4px 4px  
4px #E0BAF7 }
```

Background

The CSS property to change the background color of an element to Hex E0BAF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0BAF7 }
```

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

```
.background{ background-color:#E0BAF7 }
```

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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