

# Converting Colors

Hex(E1B2F9)

Have a look what the booklet for  
Hex(E1B2F9) contains.

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# Color

**Hex(E1B2F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B2F9
RGB	225, 178, 249
RGB Percent	88%, 70%, 98%
CMY	0.1176, 0.3020, 0.0235
CMYK	0.10, 0.29, 0.00, 0.02
HSL	280°, 86%, 84%
HSV	280°, 29%, 98%
XYZ	64.0706, 54.6879, 96.8015
YIQ	200.1470, 5.2210, 32.0450

# Conversions

## Conversions Part 2

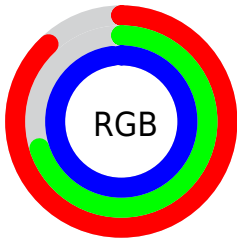
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 178, 249
Decimal	14791417
CIE Lab	78.86, 29.52, -28.76
CIE LCh	79, 41.213, 315.752
Yxy	54.6879, 0.2972, 0.2537
Android (android.graphics.Color)	4292981497 (0xFFE1B2F9)
YUV	200.1470, 24.0845, 21.7961
Hunter-Lab	73.9513, 25.2359, -25.8441

# Details

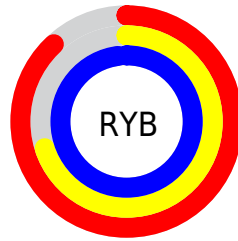
The Hex color **E1B2F9** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAF9B2**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFEAFF**, and **A97DC0** is the 20% darker color. If you saturate the color by 10%, you get **D999F9**, and if you desaturate by 10%, it is **E9CBF9**.

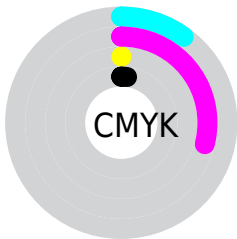
# Distribution



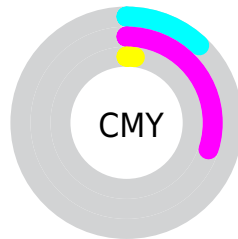
- Red (88%)
- Green (70%)
- Blue (98%)



- Red (88%)
- Yellow (70%)
- Blue (98%)



- Cyan (10%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (12%)
- Magenta (30%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E1B2F9 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 E1B2F9 by changing the saturation by 10% instead.



 E1B2F9

FFFFFF

 FFEAFF

 E1B2F9

 C597DC

 A97DC0

 8E63A5

 744B8B

 5A3371

 421D58

 2A0640

 17002A

 000114

 E1B2F9

 E1B2F9

 D999F9

 E9CBF9

 D080F9

 F2E4F9

 C867F9

 FAFDF9

 BF4EF9

 FFFFF9

 B735F9

 AE1DF9

 A604F9

 A500F9

# Harmonies

## Analogous

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



ADC0FF



E1B2F9



FFA8D7

# Triad

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



E1B2F9



EDBB79



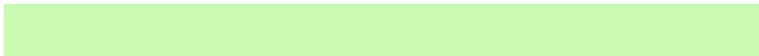
36D8D7

# Complementary

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



E1B2F9



CAF9B2

# 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.



6DD7AF



E1B2F9



C8C778

# Square

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



E1B2F9



FFAE8E



9DD18C



2BD4F9

# Rectangle

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



E1B2F9



FFA5BD



9DD18C



49D8CA



# Sweetspot

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



E1B2F9



F7E8FF



B2CBF9



7B7180



000000



808080



# Same Dimension

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



E1B2F9



E2A8FF



F9B2EE



79707D



7D00BD



29003D



# Inverse Universe

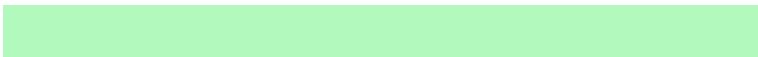
The Inverse Universe completely reimagines the original color for something new.



F9B2CA



FFA8C6



B2F9BD



7D7075



BD0040

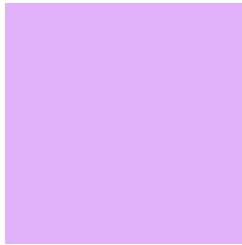


3D0015



# Previews

## White Background



This preview shows how the Hex color E1B2F9 looks on a white background.

## Color Contrast Check

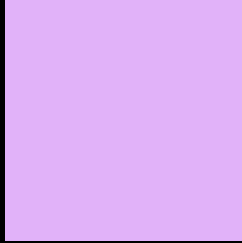
Large Text (above 18pt) WCAG AA × Fail

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 E1B2F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

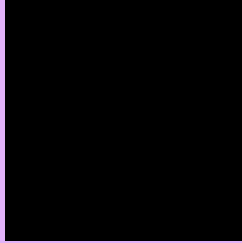
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex E1B2F9 Background



This preview shows how black text looks on a background with the Hex color E1B2F9.

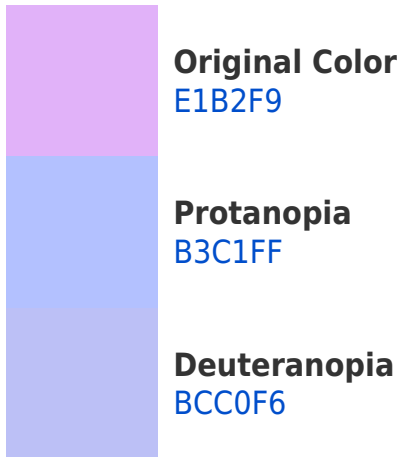


This preview shows how white text looks on a background with the Hex color E1B2F9.

# 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**  
E1B2F9



**Protanomaly**  
C4BCFD



**Deuteranomaly**  
C9BBF7

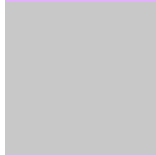


**Tritanomaly**  
DDB8DB

# Monochromacy



**Original Color**  
E1B2F9



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
D1C0DA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E1B2F9 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 #E1B2F9 looks like.

```
.text, #text, p{  
    color:#E1B2F9  
}
```

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 #E1B2F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E1B2F9
}
```

## Border

The CSS property to change the border of an element to Hex E1B2F9 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
#E1B2F9 }
```

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

```
.border{ border-color:#E1B2F9 }
```

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

Here you see how a box with a 4 pixel #E1B2F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E1B2F9; -webkit-box-shadow:4px 4px  
4px 4px #E1B2F9; box-shadow:4px 4px 4px  
4px #E1B2F9 }
```

# Background

The CSS property to change the background color of an element to Hex E1B2F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E1B2F9 }
```

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

```
.background{ background-color:#E1B2F9 }
```

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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