

# Converting Colors

Hex(E7D1F8)

Have a look what the booklet for  
Hex(E7D1F8) contains.

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# **Color**

**Hex(E7D1F8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7D1F8
RGB	231, 209, 248
RGB Percent	91%, 82%, 97%
CMY	0.0941, 0.1804, 0.0275
CMYK	0.07, 0.16, 0.00, 0.03
HSL	274°, 74%, 90%
HSV	274°, 16%, 97%
XYZ	72.6987, 69.3672, 98.3645
YIQ	220.0240, 0.5930, 16.7930

# Conversions

## Conversions Part 2

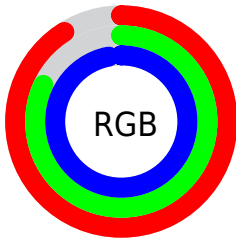
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 209, 248
Decimal	15192568
CIE Lab	86.69, 14.65, -16.30
CIE LCh	87, 21.915, 311.960
Yxy	69.3672, 0.3024, 0.2885
Android (android.graphics.Color)	4293382648 (0xFFE7D1F8)
YUV	220.0240, 13.7922, 9.6260
Hunter-Lab	83.2870, 10.0553, -11.7225

# Details

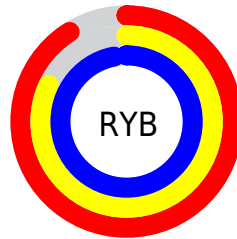
The Hex color **E7D1F8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E2F8D1**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **AF9BC0** is the 20% darker color. If you saturate the color by 10%, you get **DCB8F8**, and if you desaturate by 10%, it is **F2EAF8**.

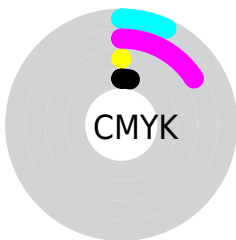
# Distribution



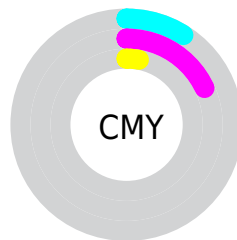
- Red (91%)
- Green (82%)
- Blue (97%)



- Red (91%)
- Yellow (82%)
- Blue (97%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (18%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E7D1F8 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 E7D1F8 by changing the saturation by 10% instead.



 E7D1F8

FFFFFF

 E7D1F8

 CBB5DB

 AF9BC0

 9480A4

 7B678A

 614F71

 493858

 322341

 1D0E2A

 000116

 E7D1F8

 E7D1F8

 DCB8F8

 F2EAF8


 D19FF8

 FDF8F8

 C787F8

 F8F8F8

 BC6EF8

 B155F8

 A63CF8

 9B23F8

 910BF8

 8C00F8

# Harmonies

## Analogous

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



CCD8FF



E7D1F8



FBCCE6

# Triad

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



E7D1F8



F5D3B2



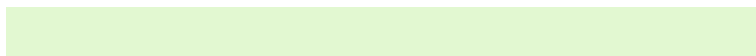
A3E5E1

# Complementary

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



E7D1F8



E2F8D1

# 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.



B2E4CB



E7D1F8



E1DAB0

# Square

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



E7D1F8



FFCDBE



C9E0BA



A3E3F4

# Rectangle

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



E7D1F8



FFCAD8



C9E0BA



A7E5DA



# Sweetspot

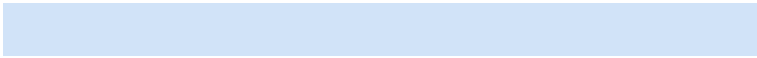
The Sweet Spot groups the original color and five complimentary colors.



E7D1F8



F9F2FF



D1E3F8



7C7880



000000



808080



# Same Dimension

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



E7D1F8



EACFFF



F8D1F6



78707D



6A00BD



23003D



# Inverse Universe

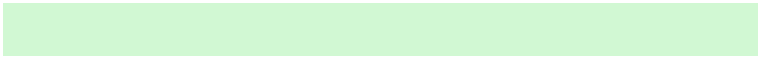
The Inverse Universe completely reimagines the original color for something new.



F8D1E2



FFCFE4



D1F8D3



7D7076



BD0052

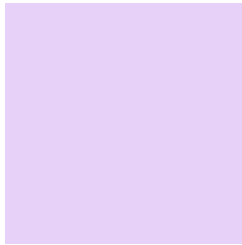


3D001B



# Previews

## White Background



This preview shows how the Hex color E7D1F8 looks on a white background.

## Color Contrast Check

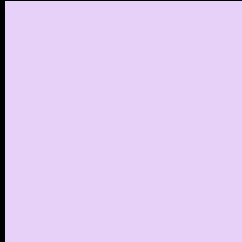
Large Text (above 18pt) WCAG AA × Fail

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 E7D1F8 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

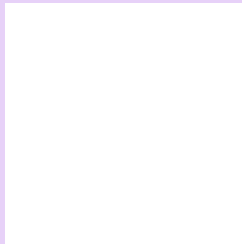
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E7D1F8 Background



This preview shows how black text looks on a background with the Hex color E7D1F8.

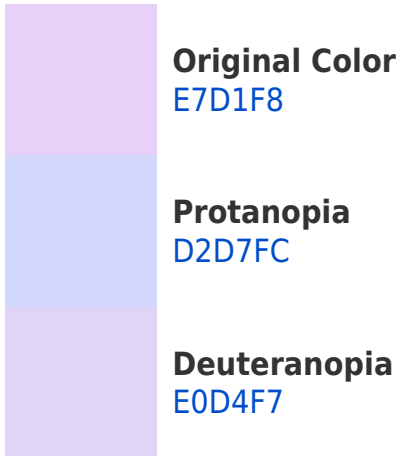


This preview shows how white text looks on a background with the Hex color E7D1F8.

# 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**  
E4D4E5

# Trichromacy



**Original Color**  
E7D1F8

**Protanomaly**  
DAD5FB

**Deuteranomaly**  
E3D3F7

**Tritanomaly**  
E5D3EC

# Monochromacy



**Original Color**  
E7D1F8

**Achromatopsia**  
DCDCDC

**Achromatomaly**  
E0D8E6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E7D1F8 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 #E7D1F8 looks like.

```
.text, #text, p{  
    color:#E7D1F8  
}
```

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 #E7D1F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E7D1F8
}
```

## Border

The CSS property to change the border of an element to Hex E7D1F8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

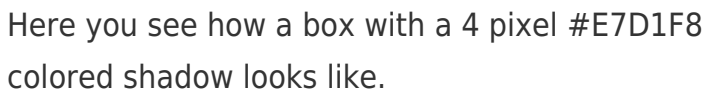
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E7D1F8 }
```

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

```
.border{ border-color:#E7D1F8 }
```

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



Here you see how a box with a 4 pixel #E7D1F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E7D1F8; -webkit-box-shadow:4px 4px  
4px 4px #E7D1F8; box-shadow:4px 4px 4px  
4px #E7D1F8 }
```

# Background

The CSS property to change the background color of an element to Hex E7D1F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E7D1F8 }
```

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

```
.background{ background-color:#E7D1F8 }
```

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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