

# Converting Colors

Hex(E5D8F9)

Have a look what the booklet for  
Hex(E5D8F9) contains.

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# Color

**Hex(E5D8F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D8F9
RGB	229, 216, 249
RGB Percent	90%, 85%, 98%
CMY	0.1020, 0.1529, 0.0235
CMYK	0.08, 0.13, 0.00, 0.02
HSL	264°, 73%, 91%
HSV	264°, 13%, 98%
XYZ	73.9678, 72.6093, 99.7390
YIQ	223.6490, -2.8450, 13.0190

# Conversions

## Conversions Part 2

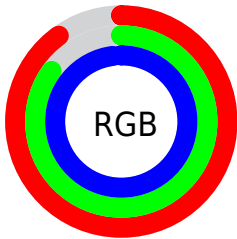
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	229, 216, 249
Decimal	15063289
CIE <sub>Lab</sub>	88.26, 10.51, -14.48
CIE <sub>LCh</sub>	88, 17.888, 305.974
Yxy	72.6093, 0.3003, 0.2948
Android (android.graphics.Color)	4293253369 (0xFFE5D8F9)
YUV	223.6490, 12.4980, 4.6928
Hunter-Lab	85.2111, 5.8283, -9.7508

# Details

The Hex color **E5D8F9** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **ECF9D8**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFFFF**, and **ADA1C1** is the 20% darker color. If you saturate the color by 10%, you get **D6BFF9**, and if you desaturate by 10%, it is **F4F1F9**.

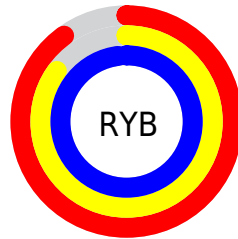
# Distribution



Red (90%)

Green (85%)

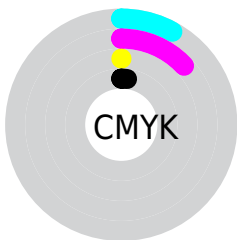
Blue (98%)



Red (90%)

Yellow (85%)

Blue (98%)

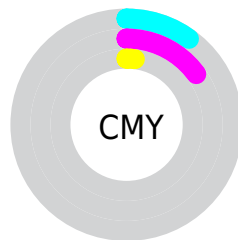


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (15%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5D8F9 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 E5D8F9 by changing the saturation by 10% instead.



 E5D8F9

FFFFFF

 E5D8F9

 C9BCDC

 ADA1C1

 9387A5

 796E8B

 605571

 483E59

 312841

 1C142B

 000017

 E5D8F9

 E5D8F9

 D6BFF9

 F4F1F9

 C7A6F9

 FFFFF9

 B88DF9

 A974F9

 9A5CF9

 8A43F9

 7B2AF9

 6C11F9

 6200F9

# Harmonies

## Analogous

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



CFDEFF



E5D8F9



F7D3EC

# Triad

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



E5D8F9



F8D8BF



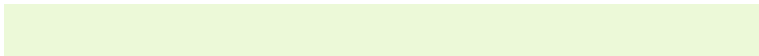
B4E8E0

# Complementary

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



E5D8F9



ECF9D8

# Split Complementary

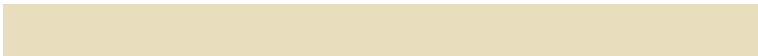
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C2E6CF



E5D8F9



E8DDBC

# Square

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



E5D8F9



FFD3CA



D4E3C2



B2E6F1

# Rectangle

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



E5D8F9



FED2E0



D4E3C2



B8E7DA



# Sweetspot

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



E5D8F9



F9F5FF



D8ECF9



7C7980



000000



808080



# Same Dimension

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



E5D8F9



E6D6FF



F5D8F9



75707D



4A00BD



18003D



# Inverse Universe

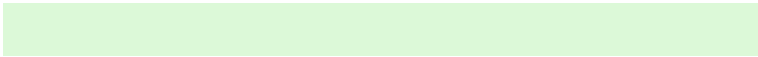
The Inverse Universe completely reimagines the original color for something new.



F9D8EC



FFD6EF



DCF9D8



7D7078



BD0072

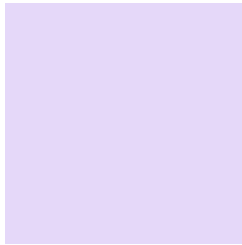


3D0025



# Previews

## White Background



This preview shows how the Hex color E5D8F9 looks on a white background.

## Color Contrast Check

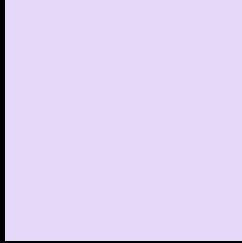
Large Text (above 18pt) WCAG AA × Fail

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 E5D8F9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

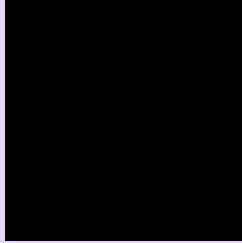
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

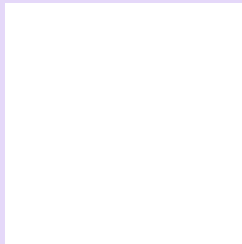
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E5D8F9 Background



This preview shows how black text looks on a background with the Hex color E5D8F9.



This preview shows how white text looks on a background with the Hex color E5D8F9.

# 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**  
E3DAEB

# Trichromacy



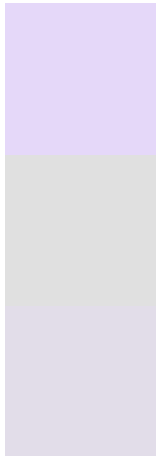
**Original Color**  
E5D8F9

**Protanomaly**  
DDBBFA

**Deuteranomaly**  
E6D8F9

**Tritanomaly**  
E4D9F0

# Monochromacy



**Original Color**  
E5D8F9

**Achromatopsia**  
E0E0E0

**Achromatomaly**  
E2DDE9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5D8F9 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 #E5D8F9 looks like.

```
.text, #text, p{  
    color:#E5D8F9  
}
```

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 #E5D8F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5D8F9
}
```

## Border

The CSS property to change the border of an element to Hex E5D8F9 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
#E5D8F9 }
```

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

```
.border{ border-color:#E5D8F9 }
```

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

Here you see how a box with a 4 pixel #E5D8F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5D8F9; -webkit-box-shadow:4px 4px  
4px 4px #E5D8F9; box-shadow:4px 4px 4px  
4px #E5D8F9 }
```

# Background

The CSS property to change the background color of an element to Hex E5D8F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5D8F9 }
```

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

```
.background{ background-color:#E5D8F9 }
```

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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