

# Converting Colors

Hex(EBD1F9)

Have a look what the booklet for  
Hex(EBD1F9) contains.

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# **Color**

**Hex(EBD1F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBD1F9
RGB	235, 209, 249
RGB Percent	92%, 82%, 98%
CMY	0.0784, 0.1804, 0.0235
CMYK	0.06, 0.16, 0.00, 0.02
HSL	279°, 77%, 90%
HSV	279°, 16%, 98%
XYZ	74.1603, 70.1026, 99.2450
YIQ	221.3340, 2.6560, 17.9520

# Conversions

## Conversions Part 2

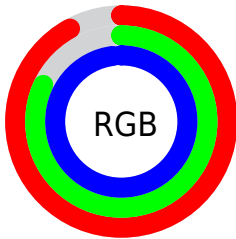
Format	Color
R <sub>Y</sub> B	235, 209, 249
Decimal	15454713
CIE Lab	87.05, 16.14, -16.25
CIE LCh	87, 22.901, 314.806
Yxy	70.1026, 0.3045, 0.2879
Android (android.graphics.Color)	4293644793 (0xFFEBD1F9)
YUV	221.3340, 13.6393, 11.9851
Hunter-Lab	83.7273, 11.5810, -11.6695

# Details

The Hex color **EBD1F9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **DF9D1**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **B39BC1** is the 20% darker color. If you saturate the color by 10%, you get **E2B8F9**, and if you desaturate by 10%, it is **F4EAF9**.

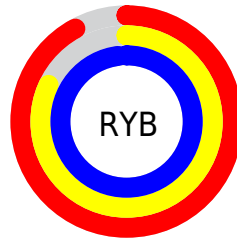
# Distribution



Red (92%)

Green (82%)

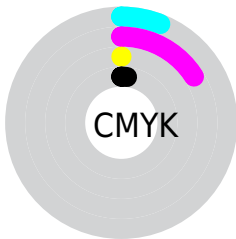
Blue (98%)



Red (92%)

Yellow (82%)

Blue (98%)

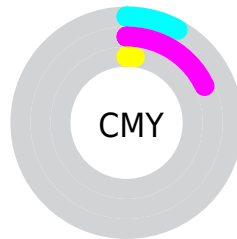


Cyan (6%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (8%)

Magenta (18%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EBD1F9 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 EBD1F9 by changing the saturation by 10% instead.



EBD1F9

EBD1F9

FFFFFF

CFB5DC

B39BC1

9880A5

7E678B

654F71

4D3859

352241

1F0E2B

000016

 EBD1F9

 EBD1F9

 E2B8F9

 F4EAF9

 DA9FF9

 FCFFF9

 D186F9

 FFFFF9

 C86DF9

 BF55F9

 B73CF9

 AE23F9

 A50AF9

 A200F9

# Harmonies

## Analogous

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



CFD8FF



EBD1F9



FFCCE6

# Triad

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



EBD1F9



F5D5B1



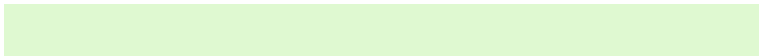
A1E7E4

# Complementary

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



EBD1F9



DFF9D1

# 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.



B0E6CE



EBD1F9



E0DCB0

# Square

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



EBD1F9



FFCEBC



C7E2BB



A2E4F8

# Rectangle

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



EBD1F9



FFCBD7



C7E2BB



A4E7DD



# Sweetspot

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



EBD1F9



FBF2FF



D1DFF9



7D7880



000000



808080



# Same Dimension

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



EBD1F9



EECFFF



F9D1F4



79707D



7B00BD



28003D



# Inverse Universe

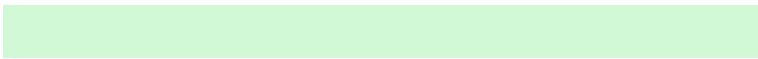
The Inverse Universe completely reimagines the original color for something new.



F9D1DF



FFCFE0



D1F9D6



7D7075



BD0042



3D0015



# Previews

## White Background



This preview shows how the Hex color EBD1F9 looks on a white background.

## Color Contrast Check

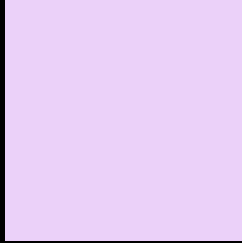
Large Text (above 18pt) WCAG AA × Fail

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 EBD1F9 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

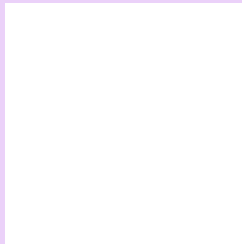
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex EBD1F9 Background



This preview shows how black text looks on a background with the Hex color EBD1F9.

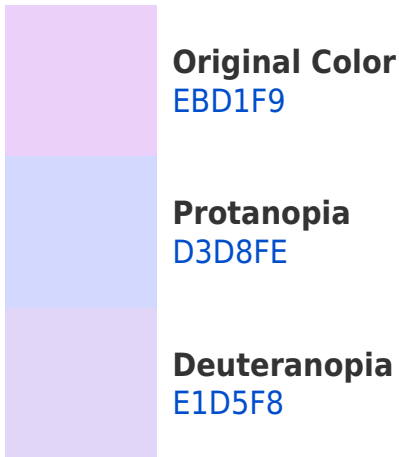


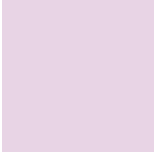
This preview shows how white text looks on a background with the Hex color EBD1F9.

# 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**  
E8D4E5

# Trichromacy



**Original Color**  
EBD1F9

**Protanomaly**  
DCD5FC

**Deuteranomaly**  
E5D4F8

**Tritanomaly**  
E9D3EC

# Monochromacy



**Original Color**  
EBD1F9

**Achromatopsia**  
DDDDDD

**Achromatomaly**  
E2D9E7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBD1F9 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 #EBD1F9 looks like.

```
.text, #text, p{  
    color:#EBD1F9  
}
```

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 #EBD1F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBD1F9  
}
```

## Border

The CSS property to change the border of an element to Hex EBD1F9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

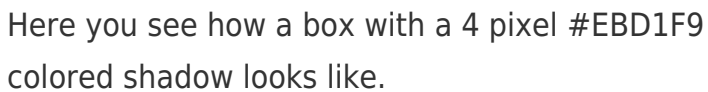
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#EBD1F9 }
```

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

```
.border{ border-color:#EBD1F9 }
```

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



Here you see how a box with a 4 pixel #EBD1F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBD1F9; -webkit-box-shadow:4px 4px  
4px 4px #EBD1F9; box-shadow:4px 4px 4px  
4px #EBD1F9 }
```

# Background

The CSS property to change the background color of an element to Hex EBD1F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBD1F9 }
```

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

```
.background{ background-color:#EBD1F9 }
```

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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