

# Converting Colors

Hex(EBDAFF)

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

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# **Color**

**Hex(EBDAFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBDAFF
RGB	235, 218, 255
RGB Percent	92%, 85%, 100%
CMY	0.0784, 0.1451, 0.0000
CMYK	0.08, 0.15, 0.00, 0.00
HSL	268°, 100%, 93%
HSV	268°, 15%, 100%
XYZ	77.3824, 75.0250, 105.0105
YIQ	227.3010, -1.7450, 15.1110

# Conversions

## Conversions Part 2

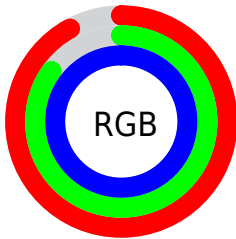
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 218, 255
Decimal	15457023
CIE <sub>Lab</sub>	89.40, 12.55, -15.87
CIE <sub>LCh</sub>	89, 20.230, 308.337
Yxy	75.0250, 0.3006, 0.2915
Android (android.graphics.Color)	4293647103 (0xFFEBDAFF)
YUV	227.3010, 13.6556, 6.7520
Hunter-Lab	86.6170, 7.8897, -11.2487

# Details

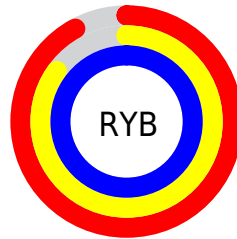
The Hex color **EBDAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **EEFFDA**, and the grayscale version is **E3E3E3**.

A 20% lighter version of the original color is **FFFFFF**, and **B3A3C6** is the 20% darker color. If you saturate the color by 10%, you get **DDC1FF**, and if you desaturate by 10%, it is **F9F3FF**.

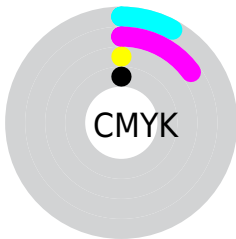
# Distribution



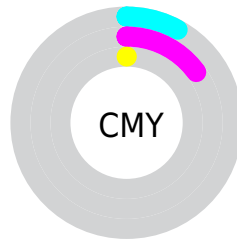
- Red (92%)
- Green (85%)
- Blue (100%)



- Red (92%)
- Yellow (85%)
- Blue (100%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 EBDAFF

 EBDAFF

FFFFFFF

 CFBEE2

 B3A3C6

 9889AB

 7E6F90

 655777

 4D405E

 362A46

 201530

 09001B

 EBD AFF

 EBD AFF

 DDC1FF

 F9F3FF

 CFA7FF

FFFFFF

 C28EFF

 B474FF

 A65AFF

 9841FF

 8B27FF

 7D0EFF

 7500FF

# Harmonies

## Analogous

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



D2E1FF



EBDAFF



FFD5EF

# Triad

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



EBDAFF



FDDBBB



B1ECE6

# Complementary

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



EBDAFF



EEFFDA

# 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.



BFEBD2



EBDAFF



EAE1BB

# Square

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



EBDAFF



FFD5CA



D4E7C2



AFEBF8

# Rectangle

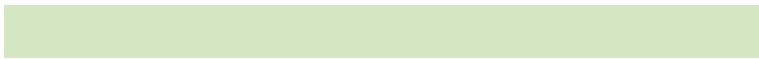
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EBDAFF



FFD3E2



D4E7C2



B4ECDF



# Sweetspot

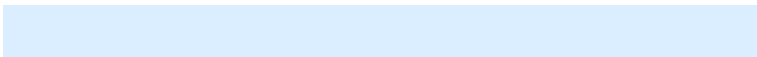
The Sweet Spot groups the original color and five complimentary colors.



EBDAFF



F9F5FF



DAEEFF



7C7980



000000



808080



# Same Dimension

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



EBDAFF



E8D4FF



FDDAFF



797380



5800BF



1D0040



# Inverse Universe

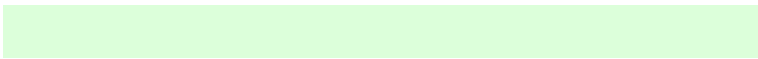
The Inverse Universe completely reimagines the original color for something new.



FFDAEE



FFD4EB



DCFFDA



80737A



BF0067



400022



# Previews

## White Background



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

## Color Contrast Check

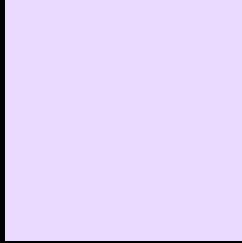
Large Text (above 18pt) WCAG AA × Fail

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 EBD AFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

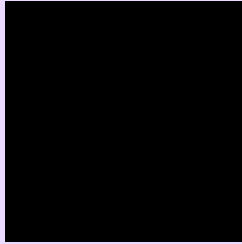
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EBD AFF Background



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



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

# 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



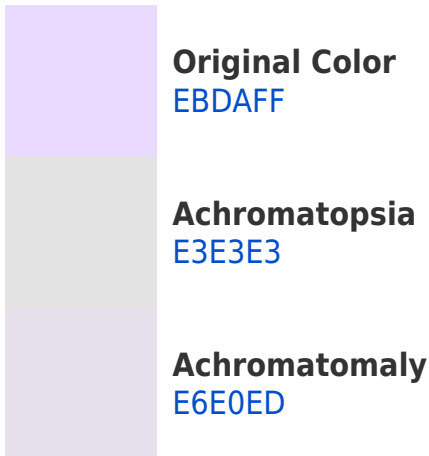


**Tritanopia**  
E8DDEE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EBD AFF 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 #EBDAFF looks like.

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

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 #EBDAFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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