

Converting Colors

Hex(EBA3FF)

Have a look what the booklet for
Hex(EBA3FF) contains.

Hex(EBA3FF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EBA3FF)

Conversions

Conversions Part 1

Format	Color
Hex	EBA3FF
RGB	235, 163, 255
RGB Percent	92%, 64%, 100%
CMY	0.0784, 0.3608, 0.0000
CMYK	0.08, 0.36, 0.00, 0.00
HSL	287°, 100%, 82%
HSV	287°, 36%, 100%
XYZ	65.4081, 51.0766, 101.0191
YIQ	195.0160, 13.3800, 43.8760

Conversions

Conversions Part 2

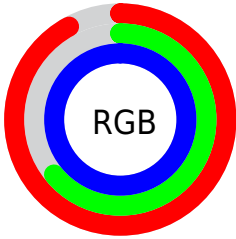
Format	Color
RYB	235, 163, 255
Decimal	15442943
CIELab	76.73, 41.76, -35.19
CIElCh	77, 54.610, 319.876
Yxy	51.0766, 0.3007, 0.2348
Android (android.graphics.Color)	4293633023 (0xFFEBA3FF)
YUV	195.0160, 29.5721, 35.0660
Hunter-Lab	71.4679, 38.2963, -33.7783

Details

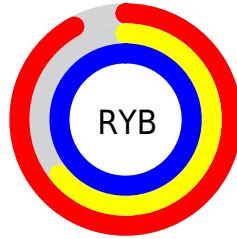
The Hex color **EBA3FF** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B7FFA3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFDBFF**, and **B26EC6** is the 20% darker color. If you saturate the color by 10%, you get **E589FF**, and if you desaturate by 10%, it is **F1BCFF**.

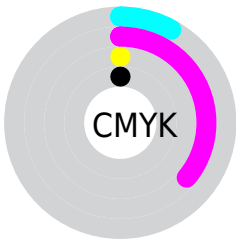
Distribution



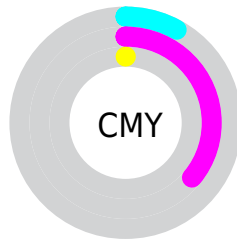
- Red (92%)
- Green (64%)
- Blue (100%)



- Red (92%)
- Yellow (64%)
- Blue (100%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color EBA3FF 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 EBA3FF by changing the saturation by 10% instead.

 EBA3FF

 EBA3FF

FFFFFF

 CE88E2

 FFDBFF

 B26EC6

 FFF8FF

 9654AA

 7B3B90

 612276

 47055D

 2E0045

 18002E

 000118

 EBA3FF

 EBA3FF

 E589FF

 F1BCFF

 E070FF

 F6D6FF

 DA56FF

 FCEFFF

 D53DFF

 FFFFFFFF

 CF23FF

 CA0AFF

 C800FF

Harmonies

Analogous

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



A5B7FF



EBA3FF



FF95D1

Triad

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



EBA3FF



EAB558



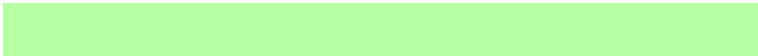
00D7DE

Complementary

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



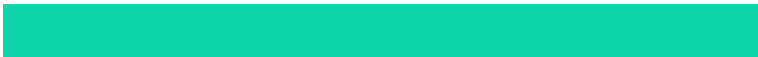
EBA3FF



B7FFA3

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.



0ED6AA



EBA3FF



BAC55A

Square

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



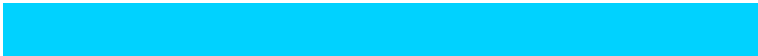
EBA3FF



FFA272



7FD07A



00D2FF

Rectangle

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



EBA3FF



FF93AE



7FD07A



00D7CD

Sweetspot

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



EBA3FF



F9E3FF



A3B8FF



7C6F80



000000



808080

Same Dimension

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



EBA3FF



E791FF



FFA3E6



7D7380



9600BF



320040

Inverse Universe

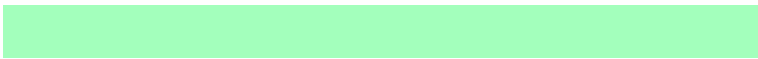
The Inverse Universe completely reimagines the original color for something new.



FFA3B7



FF91A9



A3FFBC



807376



BF002A



40000E

Previews

White Background



This preview shows how the Hex color EBA3FF looks on a white background.

Color Contrast Check

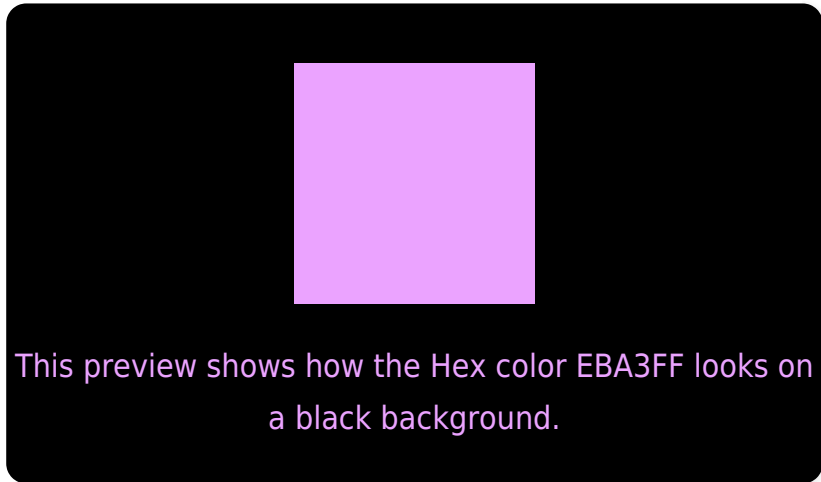
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

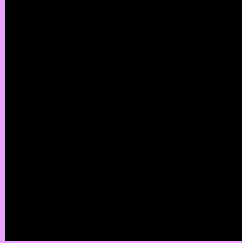
Any Text WCAG AA ✓ Pass

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 EBA3FF Background



This preview shows how black text looks on a background with the Hex color EBA3FF.

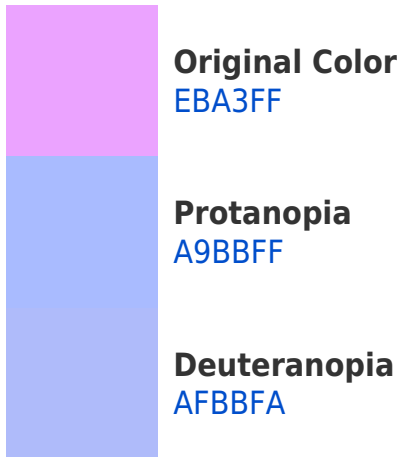


This preview shows how white text looks on a background with the Hex color EBA3FF.

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
E2B0BE

Trichromacy



Original Color
EBA3FF



Protanomaly
C1B2FF



Deuteranomaly
C5B2FC



Tritanomaly
E5ABD6

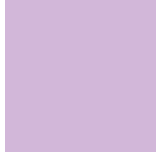
Monochromacy



Original Color
EBA3FF



Achromatopsia
C3C3C3



Achromatomaly
D2B7D9

CSS Examples

Text

The CSS property to change the color of the text to Hex EBA3FF 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 #EBA3FF looks like.

```
.text, #text, p{  
    color:#EBA3FF  
}
```

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 #EBA3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EBA3FF
}
```

Border

The CSS property to change the border of an element to Hex EBA3FF 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
#EBA3FF }
```

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

```
.border{ border-color:#EBA3FF }
```

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

Here you see how a box with a 4 pixel #EBA3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EBA3FF; -webkit-box-shadow:4px 4px  
4px 4px #EBA3FF; box-shadow:4px 4px 4px  
4px #EBA3FF }
```

Background

The CSS property to change the background color of an element to Hex EBA3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EBA3FF }
```

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

```
.background{ background-color:#EBA3FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor