

Converting Colors

Hex(BA7FEA)

Have a look what the booklet for
Hex(BA7FEA) contains.

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Color

Hex(**BA7FEA**)

Conversions

Conversions Part 1

Format	Color
Hex	BA7FEA
RGB	186, 127, 234
RGB Percent	73%, 50%, 92%
CMY	0.2706, 0.5020, 0.0824
CMYK	0.21, 0.46, 0.00, 0.08
HSL	273°, 72%, 71%
HSV	273°, 46%, 92%
XYZ	42.6904, 31.5584, 81.6832
YIQ	156.8390, 0.8170, 45.7850

Conversions

Conversions Part 2

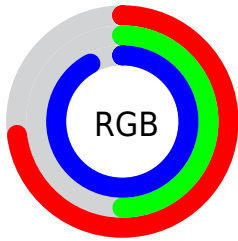
Format	Color
R_{YB}	186, 127, 234
Decimal	12222442
CIE _{Lab}	62.98, 42.50, -45.56
CIE _{LCh}	63, 62.306, 313.008
Yxy	31.5584, 0.2738, 0.2024
Android (android.graphics.Color)	4290412522 (0xFFBA7FEA)
YUV	156.8390, 38.0404, 25.5742
Hunter-Lab	56.1768, 37.3377, -46.8861

Details

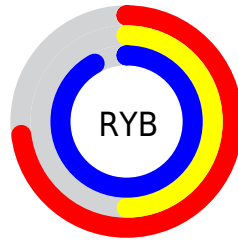
The Hex color **BA7FEA** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AFEA7F**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **F4B5FF**, and **824CB2** is the 20% darker color. If you saturate the color by 10%, you get **B068EA**, and if you desaturate by 10%, it is **C496EA**.

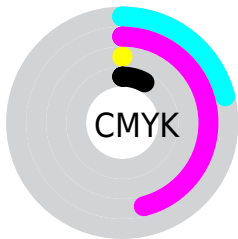
Distribution



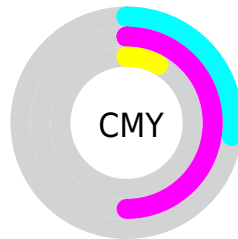
- Red (73%)
- Green (50%)
- Blue (92%)



- Red (73%)
- Yellow (50%)
- Blue (92%)



- Cyan (21%)
- Magenta (46%)
- Yellow (0%)
- Black (8%)



- Cyan (27%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA7FEA 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 BA7FEA by changing the saturation by 10% instead.

 BA7FEA

 BA7FEA

FFFFFF

 9E65CE

 F4B5FF

 824CB2

 FFD1FF

 683397

 FFEEFF

 4D1A7C

 320063

 19004A

 000033

 00021D

 000000

 BA7FEA

 BA7FEA

 B068EA

 C496EA

 A550EA

 CFAEEA

 9B39EA


 D9C5EA

 9021EA

 E4DDEA

 860AEA

 EEF4EA

 8100EA

 F9FFEA

 FFFFEA

Harmonies

Analogous

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



5796FF



BA7FEA



EC69BA

Triad

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



BA7FEA



CF8A26



00B3B0

Complementary

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



BA7FEA



AFEA7F

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.



00B176



BA7FEA



9E9D1D

Square

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



BA7FEA



F1734F



60AA42



00B0E3

Rectangle

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



BA7FEA



FB6395



60AA42



00B39C

Sweetspot

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



BA7FEA



EFDBFF



7FAFEA



766A80



000000



808080

Same Dimension

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



BA7FEA



C073FF



EA7FE5



706A75



6400B5



1E0036

Inverse Universe

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



EA7FAF



FF73B2



7FEA84



756A6F



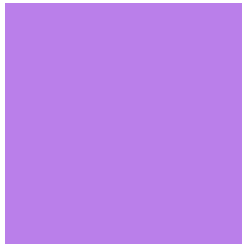
B50051



360018

Previews

White Background



This preview shows how the Hex color BA7FEA looks on a white background.

Color Contrast Check

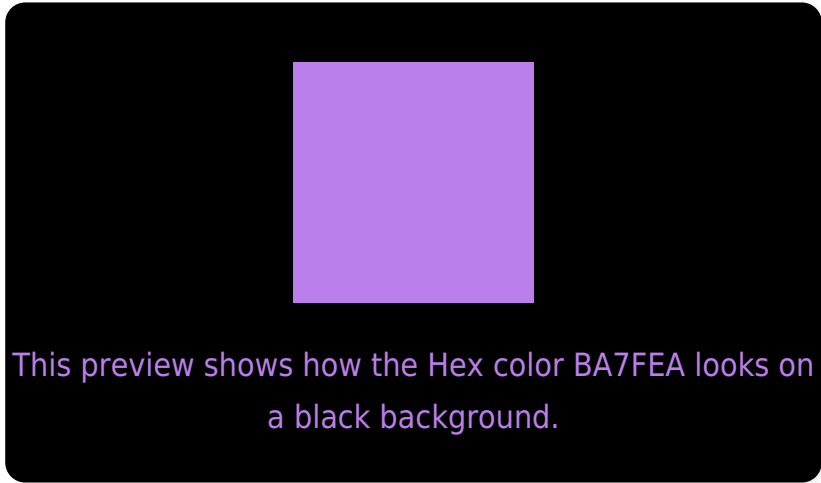
Large Text (above 18pt) WCAG AA × Fail

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

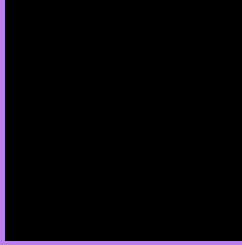
Any Text WCAG AA ✓ Pass

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 BA7FEA Background



This preview shows how black text looks on a background with the Hex color BA7FEA.

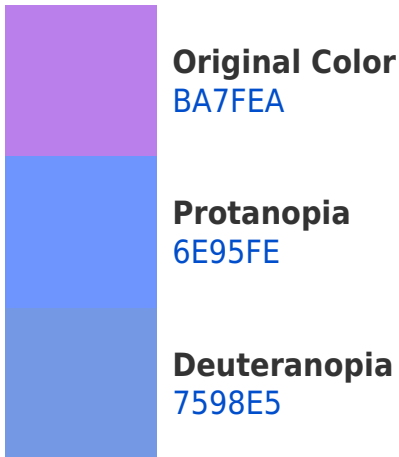



This preview shows how white text looks on a background with the Hex color BA7FEA.

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
AD919C

Trichromacy



Original Color
BA7FEA



Protanomaly
8A8DF7



Deuteranomaly
8E8FE7



Tritanomaly
B28AB8

Monochromacy



Original Color
BA7FEA



Achromatopsia
9D9D9D



Achromatomaly
A892B9

CSS Examples

Text

The CSS property to change the color of the text to Hex BA7FEA 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 #BA7FEA looks like.

```
.text, #text, p{  
    color:#BA7FEA  
}
```

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 #BA7FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA7FEA
}
```

Border

The CSS property to change the border of an element to Hex BA7FEA is called "border". The border property can be set on classes, ids or directly on the HTML element.

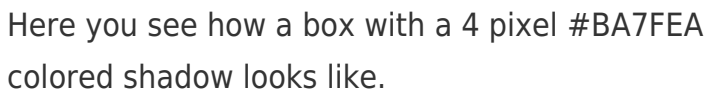
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA7FEA }
```

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

```
.border{ border-color:#BA7FEA }
```

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



Here you see how a box with a 4 pixel `#BA7FEA` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA7FEA; -webkit-box-shadow:4px 4px  
4px 4px #BA7FEA; box-shadow:4px 4px 4px  
4px #BA7FEA }
```

Background

The CSS property to change the background color of an element to Hex BA7FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA7FEA }
```

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

```
.background{ background-color:#BA7FEA }
```

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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