

Converting Colors

Hex(BA74EE)

Have a look what the booklet for
Hex(BA74EE) contains.

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Color

Hex(BA74EE)

Conversions

Conversions Part 1

Format	Color
Hex	BA74EE
RGB	186, 116, 238
RGB Percent	73%, 45%, 93%
CMY	0.2706, 0.5451, 0.0667
CMYK	0.22, 0.51, 0.00, 0.07
HSL	274°, 78%, 69%
HSV	274°, 51%, 93%
XYZ	41.9277, 29.1029, 84.2965
YIQ	150.8380, 2.5580, 52.7820

Conversions

Conversions Part 2

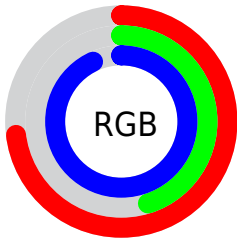
Format	Color
R _Y B	186, 116, 238
Decimal	12219630
CIE Lab	60.87, 49.27, -51.11
CIE LCh	61, 70.991, 313.953
Yxy	29.1029, 0.2699, 0.1874
Android (android.graphics.Color)	4290409710 (0xFFBA74EE)
YUV	150.8380, 42.9709, 30.8371
Hunter-Lab	53.9471, 44.3227, -54.8822

Details

The Hex color **BA74EE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A8EE74**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **F4AAFF**, and **8240B5** is the 20% darker color. If you saturate the color by 10%, you get **B05CEE**, and if you desaturate by 10%, it is **C48CEE**.

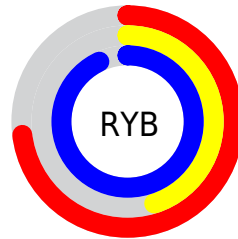
Distribution



Red (73%)

Green (45%)

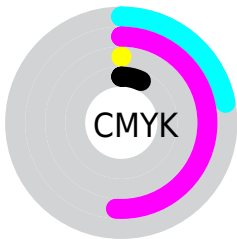
Blue (93%)



Red (73%)

Yellow (45%)

Blue (93%)

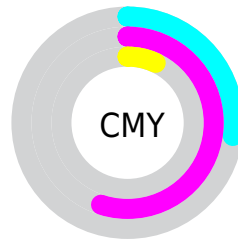


Cyan (22%)

Magenta (51%)

Yellow (0%)

Black (7%)



Cyan (27%)

Magenta (55%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color BA74EE 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 BA74EE by changing the saturation by 10% instead.

 BA74EE

 BA74EE

FFFFFF

 9E5AD1

 F4AAFF

 8240B5

 FFC6FF

 66269A

 FFE2FF

 4B0780

 300066

 16004D

 000035

 00021F

 000002

 BA74EE

 BA74EE

 B05CEE


 C48CEE

 A644EE

 CEA4EE

 9C2DEE

 D8BBEE

 9115EE

 E3D3EE

 8900EE

 EDEBEE

 F7FFEE

 FFFFEE

Harmonies

Analogous

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



3990FF



BA74EE



F257B7

Triad

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



BA74EE



CB8400



00B0AF

Complementary

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



BA74EE



A8EE74

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.



00AD6E



BA74EE



959900

Square

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



BA74EE



F2683D



4AA62E



00ADE9

Rectangle

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



BA74EE



FF4F8D



4AA62E



00AF9A

Sweetspot

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



BA74EE



EFD9FF



74A9EE



766980



000000



808080

Same Dimension

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



BA74EE



BC61FF



EE74E6



736C78



6900B8



200038

Inverse Universe

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



EE74A8



FF61A4



74EE7C



786C71



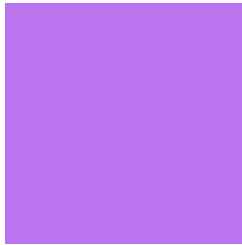
B8004E



380018

Previews

White Background



This preview shows how the Hex color BA74EE looks on a white background.

Color Contrast Check

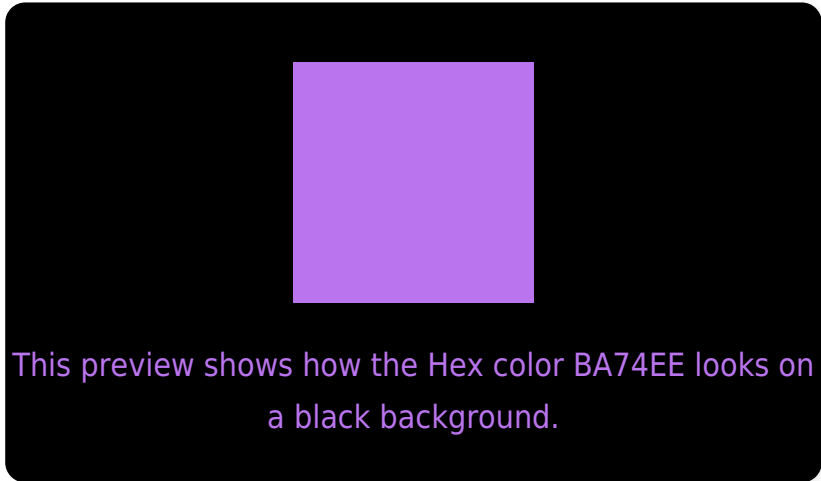
Large Text (above 18pt) WCAG AA ✓ Pass

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

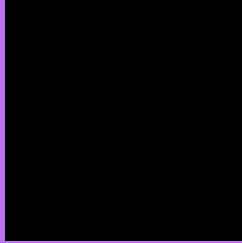
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex BA74EE Background



This preview shows how black text looks on a background with the Hex color BA74EE.

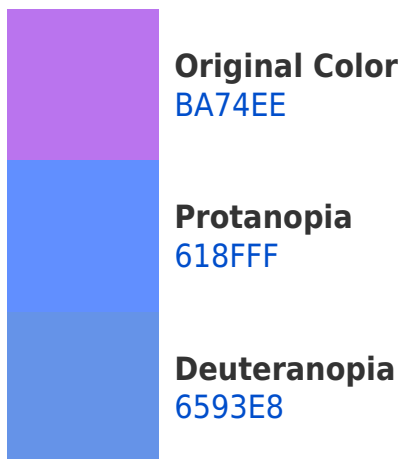



This preview shows how white text looks on a background with the Hex color BA74EE.

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](#).

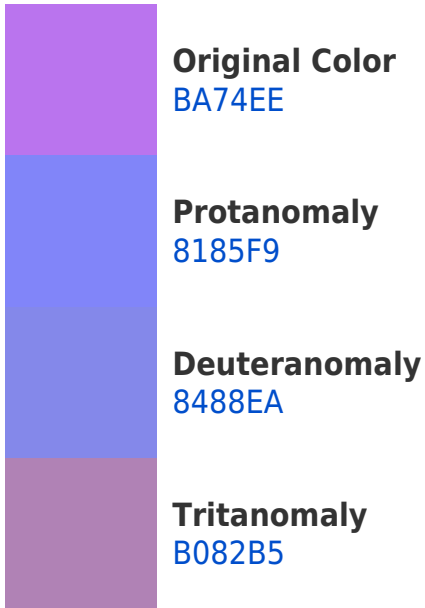
Dichromacy



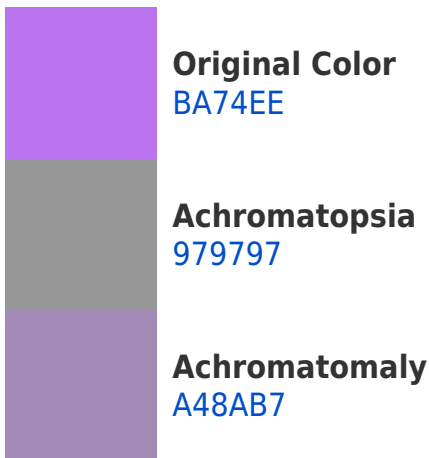


Tritanopia
AB8A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BA74EE 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 #BA74EE looks like.

```
.text, #text, p{  
    color:#BA74EE  
}
```

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 #BA74EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA74EE
}
```

Border

The CSS property to change the border of an element to Hex BA74EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

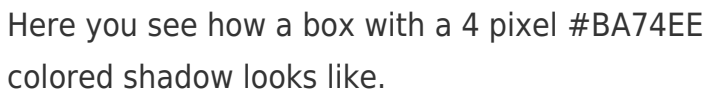
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA74EE }
```

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

```
.border{ border-color:#BA74EE }
```

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



Here you see how a box with a 4 pixel `#BA74EE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA74EE; -webkit-box-shadow:4px 4px  
4px 4px #BA74EE; box-shadow:4px 4px 4px  
4px #BA74EE }
```

Background

The CSS property to change the background color of an element to Hex BA74EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA74EE }
```

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

```
.background{ background-color:#BA74EE }
```

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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