

Converting Colors

Hex(A74FEB)

Have a look what the booklet for
Hex(A74FEB) contains.

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Color

Hex(A74FEB)

Conversions

Conversions Part 1

Format	Color
Hex	A74FEB
RGB	167, 79, 235
RGB Percent	65%, 31%, 92%
CMY	0.3451, 0.6902, 0.0784
CMYK	0.29, 0.66, 0.00, 0.08
HSL	274°, 80%, 62%
HSV	274°, 66%, 92%
XYZ	33.7277, 19.8056, 80.6425
YIQ	123.0960, 2.3720, 67.1720

Conversions

Conversions Part 2

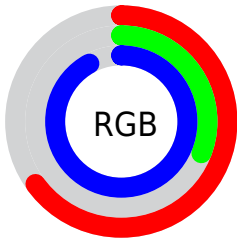
Format	Color
RYB	167, 79, 235
Decimal	10964971
CIELab	51.62, 62.53, -64.37
CIELCh	52, 89.746, 314.171
Yxy	19.8056, 0.2514, 0.1476
Android (android.graphics.Color)	4289155051 (0xFFA74FEB)
YUV	123.0960, 55.1687, 38.5038
Hunter-Lab	44.5035, 57.3981, -76.2839

Details

The Hex color **A74FEB** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **93EB4F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **E285FF**, and **6D12B2** is the 20% darker color. If you saturate the color by 10%, you get **9D38EB**, and if you desaturate by 10%, it is **B167EB**.

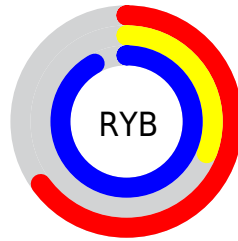
Distribution



Red (65%)

Green (31%)

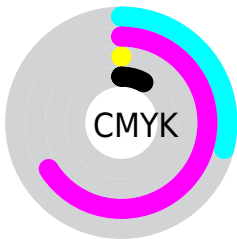
Blue (92%)



Red (65%)

Yellow (31%)

Blue (92%)

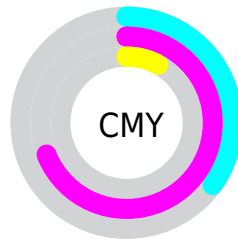


Cyan (29%)

Magenta (66%)

Yellow (0%)

Black (8%)



Cyan (35%)

Magenta (69%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A74FEB 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 A74FEB by changing the saturation by 10% instead.

 A74FEB

 A74FEB

FFFFFF

 8A33CE

 E285FF

 6D12B2

 FFA1FF

 500097

 FFBDFE

 32007C

 FFDAFF

 0F0062

 FFF7FF

 000049

 000432

 00011C

 000000

 A74FEB

 A74FEB

 9D38EB

 B167EB

 9320EB

 BB7EEB

 8809EB

 C695EB

 8500EB

 D0ADEB

 DAC5EB

 E4DCEB

 EFF4EB

 F9FFEB

 FFFFEB

Harmonies

Analogous

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



0079FF



A74FEB



EB00A7

Triad

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



A74FEB



B76800



009A9F

Complementary

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



A74FEB



93EB4F

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.



00984E



A74FEB



758300

Square

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



A74FEB



E63905



009100



0099E6

Rectangle

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



A74FEB



FB0074



009100



009A84

Sweetspot

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



A74FEB



E9CCFF



4F95EB



726180



000000



808080

Same Dimension

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



A74FEB



A633FF



EB4FE3



706A75



6600B5



1E0036

Inverse Universe

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



EB4F93



FF338C



4FEB57



756A6F



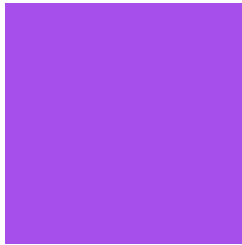
B5004F



360017

Previews

White Background



This preview shows how the Hex color A74FEB looks on a white background.

Color Contrast Check

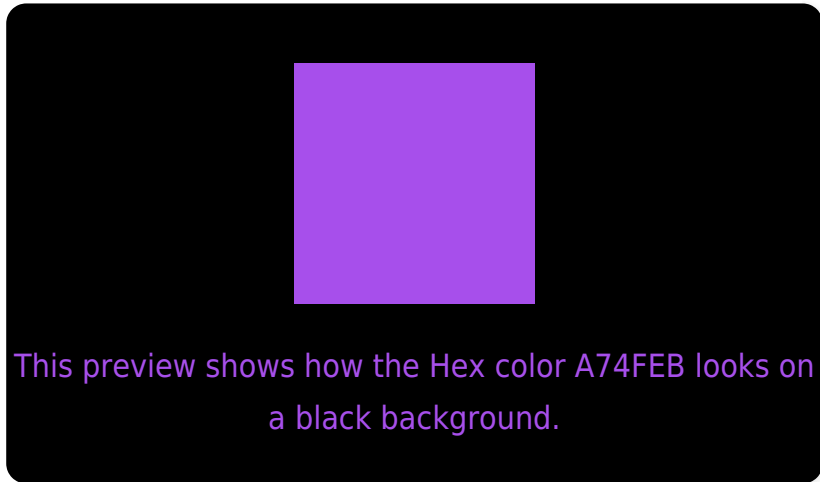
Large Text (above 18pt) WCAG AA ✓ Pass

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

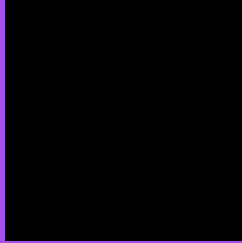
Any Text WCAG AA ✓ Pass

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 A74FEB Background



This preview shows how black text looks on a background with the Hex color A74FEB.

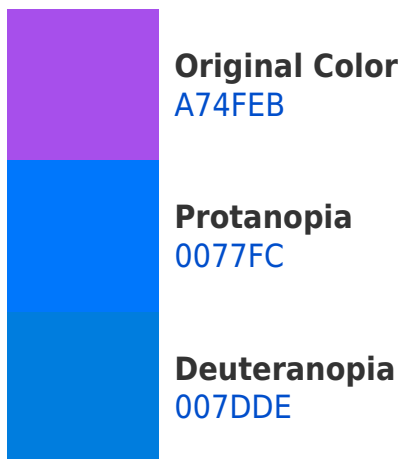


This preview shows how white text looks on a background with the Hex color A74FEB.

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](#).

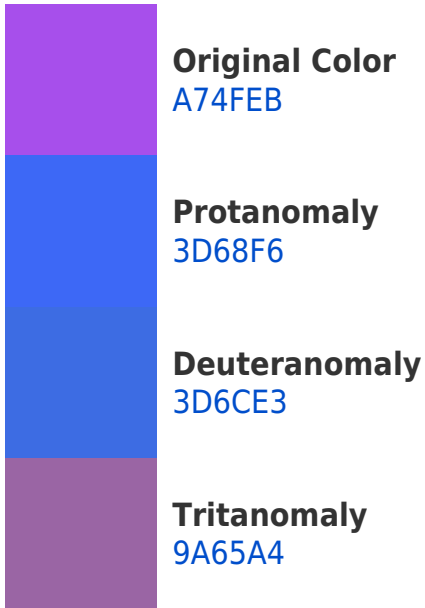
Dichromacy





Tritanopia
93727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A74FEB 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 #A74FEB looks like.

```
.text, #text, p{  
    color:#A74FEB  
}
```

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 #A74FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74FEB
}
```

Border

The CSS property to change the border of an element to Hex A74FEB 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
#A74FEB }
```

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

```
.border{ border-color:#A74FEB }
```

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

Here you see how a box with a 4 pixel #A74FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74FEB; -webkit-box-shadow:4px 4px  
4px 4px #A74FEB; box-shadow:4px 4px 4px  
4px #A74FEB }
```

Background

The CSS property to change the background color of an element to Hex A74FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74FEB }
```

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

```
.background{ background-color:#A74FEB }
```

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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