

Converting Colors

Hex(A74BE2)

Have a look what the booklet for
Hex(A74BE2) contains.

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Color

Hex(A74BE2)

Conversions

Conversions Part 1

Format	Color
Hex	A74BE2
RGB	167, 75, 226
RGB Percent	65%, 29%, 89%
CMY	0.3451, 0.7059, 0.1137
CMYK	0.26, 0.67, 0.00, 0.11
HSL	277°, 72%, 59%
HSV	277°, 67%, 89%
XYZ	32.1799, 18.7386, 73.8724
YIQ	119.7220, 6.3610, 66.4650

Conversions

Conversions Part 2

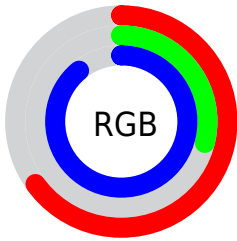
Format	Color
RYB	167, 75, 226
Decimal	10963938
CIELab	50.38, 62.37, -61.29
CIElCh	50, 87.442, 315.497
Yxy	18.7386, 0.2579, 0.1502
Android (android.graphics.Color)	4289154018 (0xFFA74BE2)
YUV	119.7220, 52.3951, 41.4628
Hunter-Lab	43.2881, 56.9406, -70.8783

Details

The Hex color **A74BE2** 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 **86E24B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E282FF**, and **6E0AAA** is the 20% darker color. If you saturate the color by 10%, you get **9E34E2**, and if you desaturate by 10%, it is **B062E2**.

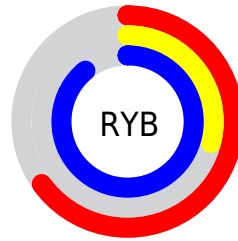
Distribution



Red (65%)

Green (29%)

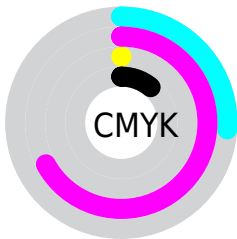
Blue (89%)



Red (65%)

Yellow (29%)

Blue (89%)

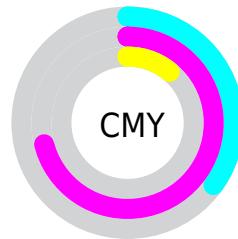


Cyan (26%)

Magenta (67%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (71%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color A74BE2 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 A74BE2 by changing the saturation by 10% instead.

 A74BE2

 A74BE2

FFFFFF

 8A2FC5

 E282FF

 6E0AAA

 FF9DFF

 51008E

 FFBAFF

 340074

 FFD6FF

 17005B

 FFF3FF

 000042

 00032B

 000115

 000000

 A74BE2

 A74BE2

 9E34E2

 B062E2

 951EE2

 B978E2

 8D07E2

 C18FE2

 8A00E2

 CAA5E2

 D3BCE2

 DCD3E2

 E5E9E2

 EEFFE2

 F6FFE2

Harmonies

Analogous

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



0075FF



A74BE2



E7009F

Triad

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



A74BE2



AF6700



00969E

Complementary

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



A74BE2



86E24B

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.



009450



A74BE2



6F8100

Square

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



A74BE2



DF3B00



008E00



0095E2

Rectangle

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



A74BE2



F5006E



008E00



009684

Sweetspot

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



A74BE2



EBCCFF



4B87E2



746180



000000



808080

Same Dimension

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



A74BE2



AF33FF



E24BD3



6C6570



6B00B0



1E0030

Inverse Universe

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



E24B86



FF3383



4BE25A



706569



B00045



300013

Previews

White Background



This preview shows how the Hex color A74BE2 looks on a white background.

Color Contrast Check

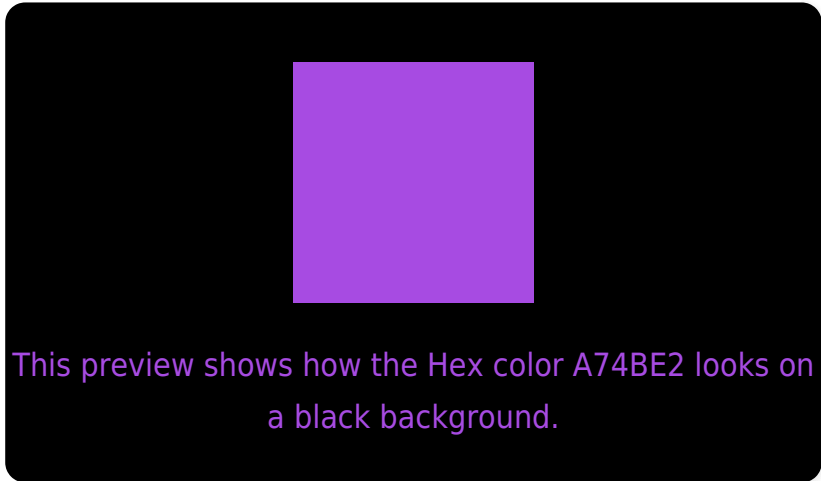
Large Text (above 18pt) WCAG AA ✓ Pass

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

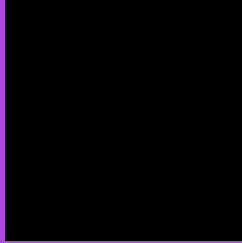
Any Text WCAG AA ✓ Pass

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 A74BE2 Background



This preview shows how black text looks on a background with the Hex color A74BE2.

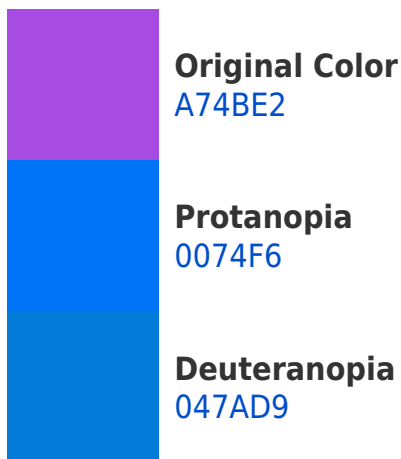



This preview shows how white text looks on a background with the Hex color A74BE2.

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](#).

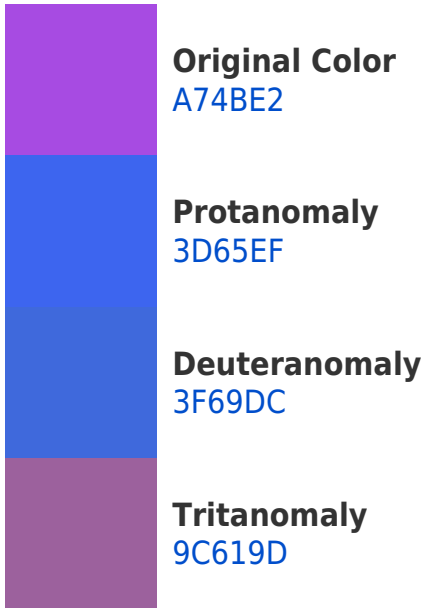
Dichromacy



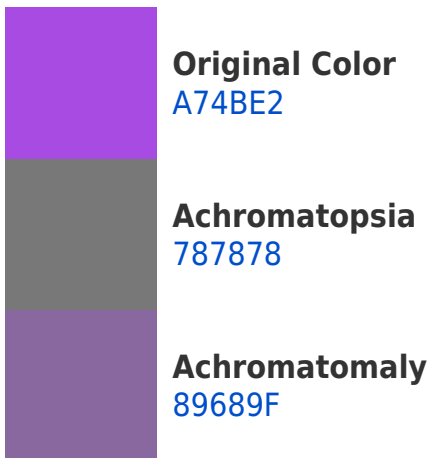


Tritanopia
956D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A74BE2 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 #A74BE2 looks like.

```
.text, #text, p{  
    color:#A74BE2  
}
```

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 #A74BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74BE2
}
```

Border

The CSS property to change the border of an element to Hex A74BE2 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
#A74BE2 }
```

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

```
.border{ border-color:#A74BE2 }
```

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

Here you see how a box with a 4 pixel #A74BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74BE2; -webkit-box-shadow:4px 4px  
4px 4px #A74BE2; box-shadow:4px 4px 4px  
4px #A74BE2 }
```

Background

The CSS property to change the background color of an element to Hex A74BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74BE2 }
```

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

```
.background{ background-color:#A74BE2 }
```

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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