

Converting Colors

Hex(A74AE8)

Have a look what the booklet for
Hex(A74AE8) contains.

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Color

Hex(A74AE8)

Conversions

Conversions Part 1

Format	Color
Hex	A74AE8
RGB	167, 74, 232
RGB Percent	65%, 29%, 91%
CMY	0.3451, 0.7098, 0.0902
CMYK	0.28, 0.68, 0.00, 0.09
HSL	275°, 77%, 60%
HSV	275°, 68%, 91%
XYZ	32.9506, 18.9392, 78.2629
YIQ	119.8190, 4.7100, 68.8540

Conversions

Conversions Part 2

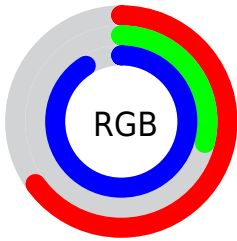
Format	Color
R _Y B	167, 74, 232
Decimal	10963688
CIE Lab	50.62, 64.11, -64.30
CIE LCh	51, 90.798, 314.915
Yxy	18.9392, 0.2532, 0.1455
Android (android.graphics.Color)	4289153768 (0xFFA74AE8)
YUV	119.8190, 55.3052, 41.3777
Hunter-Lab	43.5192, 58.9927, -76.1608

Details

The Hex color **A74AE8** 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 **8BE84A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E281FF**, and **6D06AF** is the 20% darker color. If you saturate the color by 10%, you get **9D33E8**, and if you desaturate by 10%, it is **B161E8**.

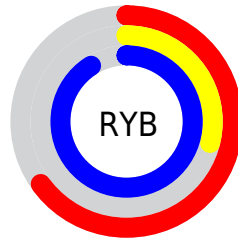
Distribution



Red (65%)

Green (29%)

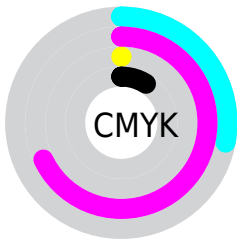
Blue (91%)



Red (65%)

Yellow (29%)

Blue (91%)

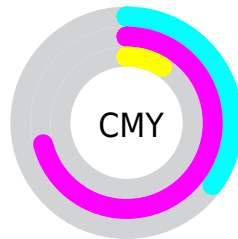


Cyan (28%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (35%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color A74AE8 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 A74AE8 by changing the saturation by 10% instead.

 A74AE8

 A74AE8

FFFFFF

 8A2DCB

 E281FF

 6D06AF

 FF9DFF

 500094

 FFB9FF

 320079

 FFD6FF

 120060

 FFF3FF

 000047

 00042F

 00011A

 000000

 A74AE8

 A74AE8

 9D33E8

 B161E8

 941CE8

 BA78E8

 8A04E8

 C490E8

 8900E8

 CDA7E8

 D7BEE8

 E0D5E8

 EAECE8

 F3FFE8

 FDFFE8

Harmonies

Analogous

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



0076FF



A74AE8



EA00A3

Triad

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



A74AE8



B36600



00989F

Complementary

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



A74AE8



8BE84A

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.



00954D



A74AE8



708100

Square

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



A74AE8



E33500



008F00



0096E6

Rectangle

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



A74AE8



FA0070



008F00



009784

Sweetspot

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



A74AE8



EACCFE



4A8CE8



736180



000000



808080

Same Dimension

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



A74AE8



A92EFF



E84ADB



6E6773



6900B3



1E0033

Inverse Universe

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



E84A8B



FF2E84



4AE857



73676C



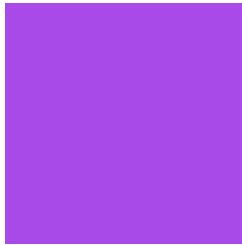
B30049



330015

Previews

White Background



This preview shows how the Hex color A74AE8 looks on a white background.

Color Contrast Check

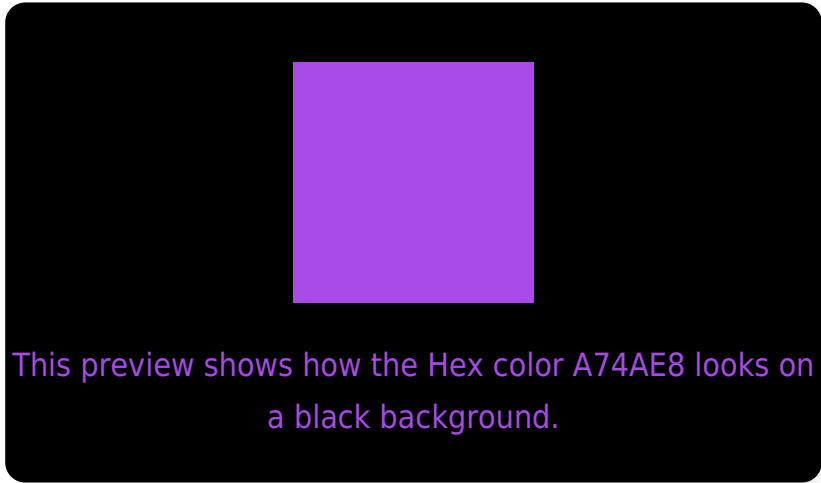
Large Text (above 18pt) WCAG AA ✓ Pass

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

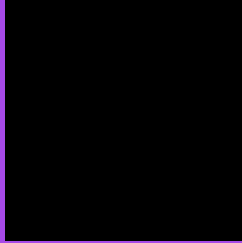
Any Text WCAG AA ✓ Pass

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 A74AE8 Background



This preview shows how black text looks on a background with the Hex color A74AE8.

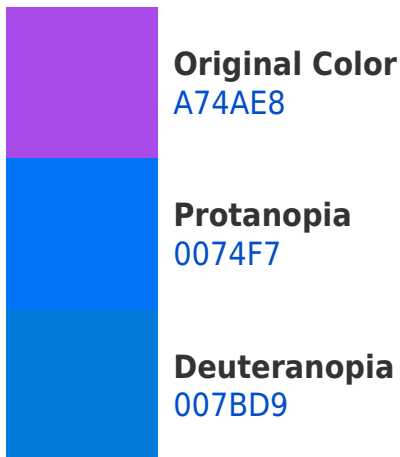


This preview shows how white text looks on a background with the Hex color A74AE8.

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](#).

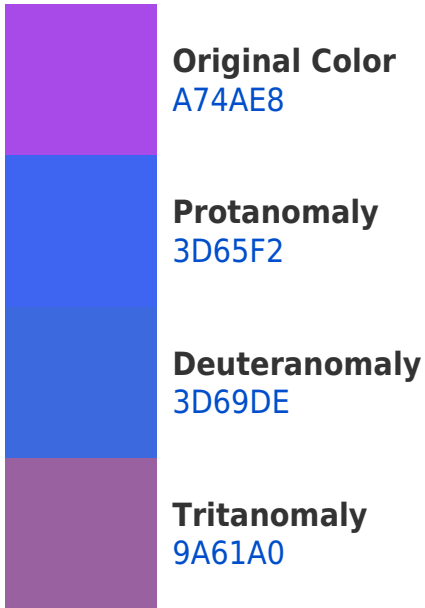
Dichromacy



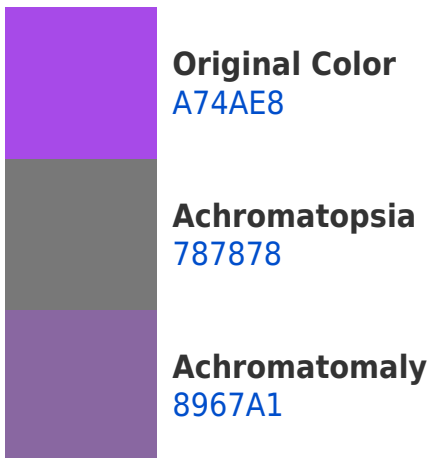


Tritanopia
936E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A74AE8 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 #A74AE8 looks like.

```
.text, #text, p{  
    color:#A74AE8  
}
```

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 #A74AE8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74AE8
}
```

Border

The CSS property to change the border of an element to Hex A74AE8 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
#A74AE8 }
```

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

```
.border{ border-color:#A74AE8 }
```

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

Here you see how a box with a 4 pixel #A74AE8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74AE8; -webkit-box-shadow:4px 4px  
4px 4px #A74AE8; box-shadow:4px 4px 4px  
4px #A74AE8 }
```

Background

The CSS property to change the background color of an element to Hex A74AE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74AE8 }
```

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

```
.background{ background-color:#A74AE8 }
```

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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