

# Converting Colors

Hex(A74AF3)

Have a look what the booklet for  
Hex(A74AF3) contains.

<b>Hex(A74AF3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A74AF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A74AF3
RGB	167, 74, 243
RGB Percent	65%, 29%, 95%
CMY	0.3451, 0.7098, 0.0471
CMYK	0.31, 0.70, 0.00, 0.05
HSL	273°, 88%, 62%
HSV	273°, 70%, 95%
XYZ	34.5628, 19.5841, 86.7525
YIQ	121.0730, 1.1790, 72.2750

# Conversions

## Conversions Part 2

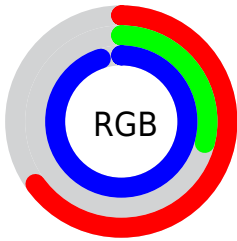
Format	Color
R <sub>Y</sub> B	167, 74, 243
Decimal	10963699
CIE Lab	51.36, 66.52, -69.27
CIE LCh	51, 96.038, 313.842
Yxy	19.5841, 0.2453, 0.1390
Android (android.graphics.Color)	4289153779 (0xFFA74AF3)
YUV	121.0730, 60.1100, 40.2780
Hunter-Lab	44.2539, 61.9660, -85.2504

# Details

The Hex color **A74AF3** is a light color, and the websafe version is hex **9933CC**. The color can be described as light washed purple. A complement of this color would be **96F34A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E381FF**, and **6C03BA** is the 20% darker color. If you saturate the color by 10%, you get **9C32F3**, and if you desaturate by 10%, it is **B262F3**.

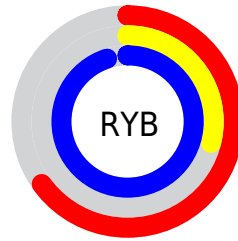
# Distribution



Red (65%)

Green (29%)

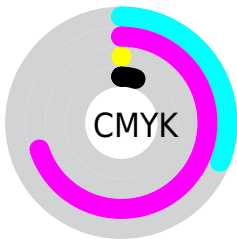
Blue (95%)



Red (65%)

Yellow (29%)

Blue (95%)

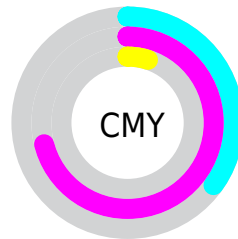


Cyan (31%)

Magenta (70%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (71%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A74AF3 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 A74AF3 by changing the saturation by 10% instead.



 A74AF3

 A74AF3

FFFFFF

 8A2DD6

 E381FF

 6C03BA

 FF9DFF

 4E009E

 FFB9FF

 2E0083

 FFD6FF

 030069

 FFF4FF

 000050

 000538

 000221


 000006

 A74AF3

 A74AF3

 9C32F3

 B262F3

 9119F3

 BD7BF3

 8601F3

 C893F3

 8600F3

 D3ABF3

 DEC3F3

 E9DCF3

 F3F4F3

 FEFFF3

 FFFF3

# Harmonies

## Analogous

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



0079FF



A74AF3



F100AA

# Triad

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



A74AF3



B96600



009BA0

# Complementary

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



A74AF3



96F34A

# 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.



009849



A74AF3



738300

# Square

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



A74AF3



EC2C00



009200



009AEC

# Rectangle

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



A74AF3



FF0074



009200



009A83



# Sweetspot

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



A74AF3



E7C9FF



4A96F3



716080



000000



808080



# Same Dimension

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



A74AF3



A02BFF



F34AEB



756E7A



6600BA



20003B



# Inverse Universe

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



F34A96



FF2B8B



4AF352



7A6E74



BA0054

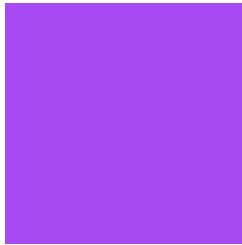


3B001A



# Previews

## White Background



This preview shows how the Hex color A74AF3 looks on a white background.

## Color Contrast Check

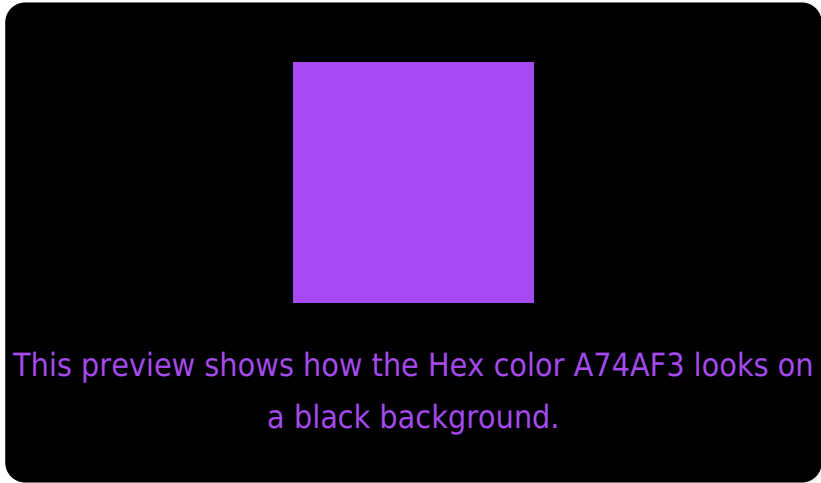
Large Text (above 18pt) WCAG AA ✓ Pass

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

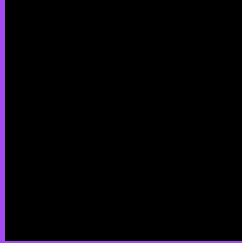
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A74AF3 Background



This preview shows how black text looks on a background with the Hex color A74AF3.

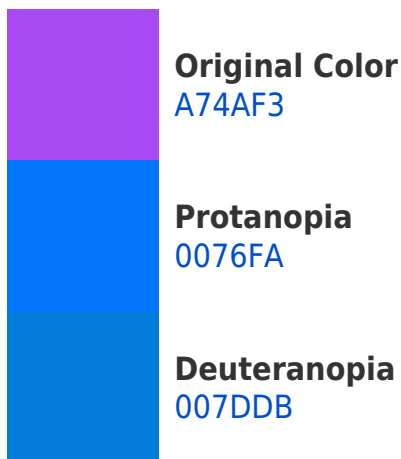


This preview shows how white text looks on a background with the Hex color A74AF3.

# 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](#).

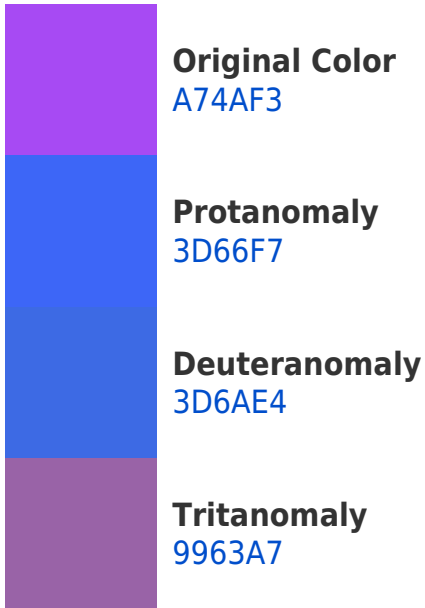
## Dichromacy



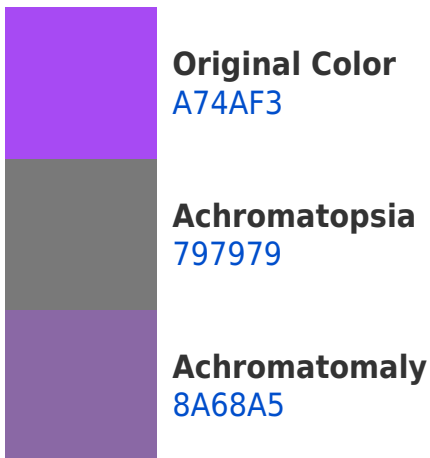


**Tritanopia**  
91727B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A74AF3 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 #A74AF3 looks like.

```
.text, #text, p{  
    color:#A74AF3  
}
```

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 #A74AF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A74AF3
}
```

## Border

The CSS property to change the border of an element to Hex A74AF3 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
#A74AF3 }
```

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

```
.border{ border-color:#A74AF3 }
```

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

Here you see how a box with a 4 pixel #A74AF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A74AF3; -webkit-box-shadow:4px 4px  
4px 4px #A74AF3; box-shadow:4px 4px 4px  
4px #A74AF3 }
```

# Background

The CSS property to change the background color of an element to Hex A74AF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A74AF3 }
```

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

```
.background{ background-color:#A74AF3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor