

# Converting Colors

Hex(A84CF1)

Have a look what the booklet for  
Hex(A84CF1) contains.

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# Color

**Hex(A84CF1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A84CF1
RGB	168, 76, 241
RGB Percent	66%, 30%, 95%
CMY	0.3412, 0.7020, 0.0549
CMYK	0.30, 0.68, 0.00, 0.05
HSL	273°, 85%, 62%
HSV	273°, 68%, 95%
XYZ	34.6101, 19.8446, 85.2253
YIQ	122.3180, 1.8670, 70.8190

# Conversions

## Conversions Part 2

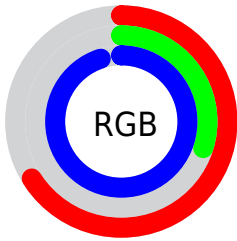
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 76, 241
Decimal	11029745
CIELab	51.66, 65.40, -67.66
CIELCh	52, 94.104, 314.029
Yxy	19.8446, 0.2478, 0.1421
Android (android.graphics.Color)	4289219825 (0xFFA84CF1)
YUV	122.3180, 58.5102, 40.0631
Hunter-Lab	44.5473, 60.7242, -82.2472

# Details

The Hex color **A84CF1** 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 **95F14C**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **E383FF**, and **6E09B8** is the 20% darker color. If you saturate the color by 10%, you get **9D34F1**, and if you desaturate by 10%, it is **B364F1**.

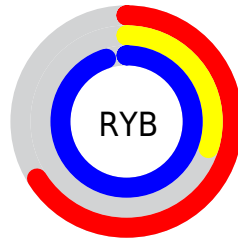
# Distribution



Red (66%)

Green (30%)

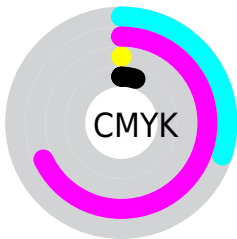
Blue (95%)



Red (66%)

Yellow (30%)

Blue (95%)

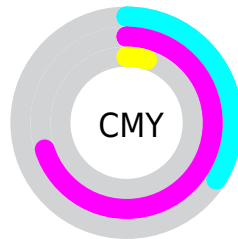


Cyan (30%)

Magenta (68%)

Yellow (0%)

Black (5%)



Cyan (34%)

Magenta (70%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A84CF1 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 A84CF1 by changing the saturation by 10% instead.



 A84CF1

 A84CF1

FFFFFF

 8B2FD4

 E383FF

 6E09B8

 FF9FFF

 50009C

 FFBBFF

 300081

 FFD8FF

 0A0067

 FFF5FF

 00004E

 000536

 000220

 000004

 A84CF1

 A84CF1

 9D34F1

 B364F1

 931CF1

 BD7CF1

 8804F1

 C894F1

 8600F1

 D3ACF1

 DDC5F1

 E8DDF1

 F3F5F1

 FDFFF1

 FFFFF1

# Harmonies

## Analogous

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



007AFF



A84CF1



F000AA

# Triad

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



A84CF1



B96700



009BA0

# Complementary

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



A84CF1



95F14C

# 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.



00994B



A84CF1



748400

# Square

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



A84CF1



EB3100



009200



009AEB

# Rectangle

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



A84CF1



FF0074



009200



009B84



# Sweetspot

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



A84CF1



E7C9FF



4C96F1



716080



000000



808080



# Same Dimension

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



A84CF1



A22EFF



F14CE9



736C78



6600B8



1F0038



# Inverse Universe

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



F14C95



FF2E8A



4CF154



786C71



B80051

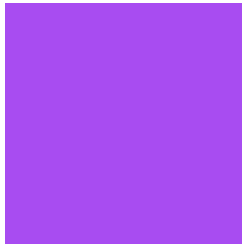


380019



# Previews

## White Background



This preview shows how the Hex color A84CF1 looks on a white background.

## Color Contrast Check

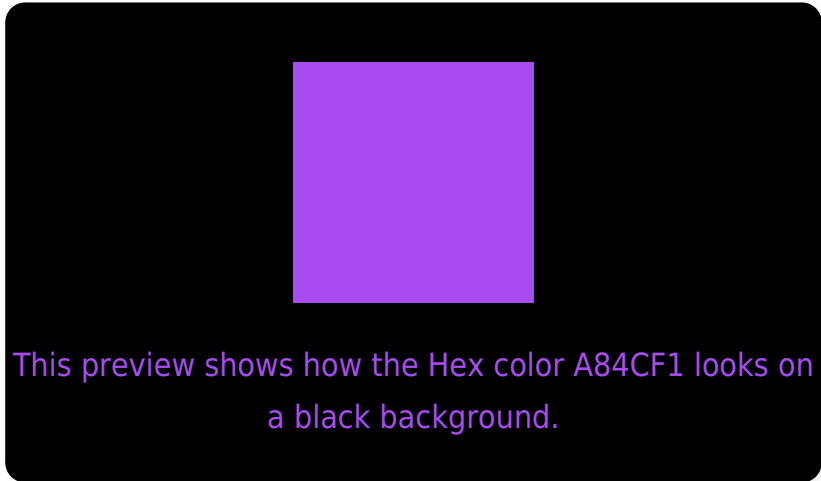
Large Text (above 18pt) WCAG AA ✓ Pass

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

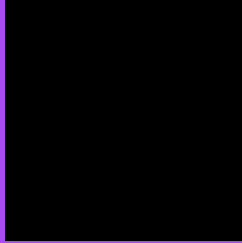
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A84CF1 Background



This preview shows how black text looks on a background with the Hex color A84CF1.

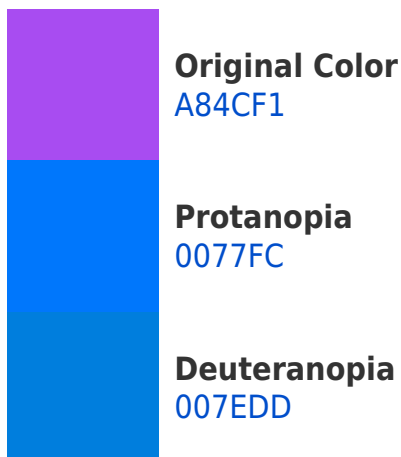


This preview shows how white text looks on a background with the Hex color A84CF1.

# 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



**Original Color**  
A84CF1



**Protanomaly**  
3D67F8



**Deuteranomaly**  
3D6CE4



**Tritanomaly**  
9B64A6

# Monochromacy



**Original Color**  
A84CF1



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
8B69A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A84CF1 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 #A84CF1 looks like.

```
.text, #text, p{  
    color:#A84CF1  
}
```

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 #A84CF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A84CF1
}
```

## Border

The CSS property to change the border of an element to Hex A84CF1 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
#A84CF1 }
```

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

```
.border{ border-color:#A84CF1 }
```

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

Here you see how a box with a 4 pixel #A84CF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A84CF1; -webkit-box-shadow:4px 4px  
4px 4px #A84CF1; box-shadow:4px 4px 4px  
4px #A84CF1 }
```

# Background

The CSS property to change the background color of an element to Hex A84CF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A84CF1 }
```

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

```
.background{ background-color:#A84CF1 }
```

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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