

# Converting Colors

Hex(A834C6)

Have a look what the booklet for  
Hex(A834C6) contains.

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**Color**

**Hex(A834C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A834C6
RGB	168, 52, 198
RGB Percent	66%, 20%, 78%
CMY	0.3412, 0.7961, 0.2235
CMYK	0.15, 0.74, 0.00, 0.22
HSL	288°, 58%, 49%
HSV	288°, 74%, 78%
XYZ	27.5695, 14.8580, 54.8409
YIQ	103.3280, 22.2700, 69.9980

# Conversions

## Conversions Part 2

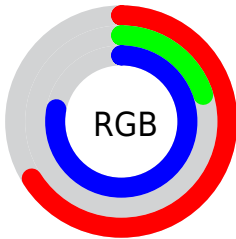
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	168, 52, 198
Decimal	11023558
CIE <sub>Lab</sub>	45.44, 66.15, -53.20
CIE <sub>LCh</sub>	45, 84.891, 321.196
Yxy	14.8580, 0.2834, 0.1528
Android (android.graphics.Color)	4289213638 (0xFFA834C6)
YUV	103.3280, 46.6733, 56.7173
Hunter-Lab	38.5461, 60.2135, -57.3717

# Details

The Hex color **A834C6** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **52C634**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **E36EFF**, and **6F008F** is the 20% darker color. If you saturate the color by 10%, you get **A420C6**, and if you desaturate by 10%, it is **AC48C6**.

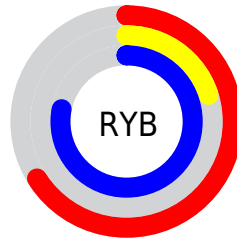
# Distribution



Red (66%)

Green (20%)

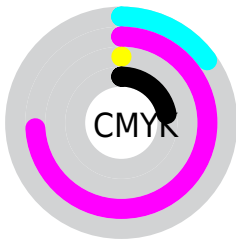
Blue (78%)



Red (66%)

Yellow (20%)

Blue (78%)

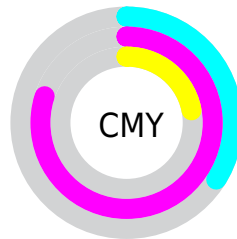


Cyan (15%)

Magenta (74%)

Yellow (0%)

Black (22%)



Cyan (34%)

Magenta (80%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A834C6 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 A834C6 by changing the saturation by 10% instead.



 A834C6

 A834C6

FFFFFF

 8B0DAA

 E36EFF

 6F008F

 FF8AFF

 530075

 FFA6FF

 38005C

 FFC3FF

 1C0043

 FFE0FF

 00012C

 FFFDFF

 000116

 000000

 A834C6

 A834C6

 A420C6

 AC48C6

 A00CC6

 B05CC6

 9D00C6

 B46FC6

 B883C6

 BC97C6

 C0ABC6

 C4BFC6

 C9D2C6

 CDE6C6

# Harmonies

## Analogous

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



0063F3



A834C6



DA0084

# Triad

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



A834C6



956100



00889D

# Complementary

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



A834C6



52C634

# 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.



008654



A834C6



547700

# Square

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



A834C6



C53A00



008200



0086DB

# Rectangle

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



A834C6



E20055



008200



008885



# Sweetspot

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



A834C6



F3C7FF



3454C6



795E80



000000



808080



# Same Dimension

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



A834C6



D11FFF



C6349D



615A63



8200A3



1C0024



# Inverse Universe

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



C63452



FF1F4D



34C65D



635A5C



A30022



240007



# Previews

## White Background



This preview shows how the Hex color A834C6 looks on a white background.

## Color Contrast Check

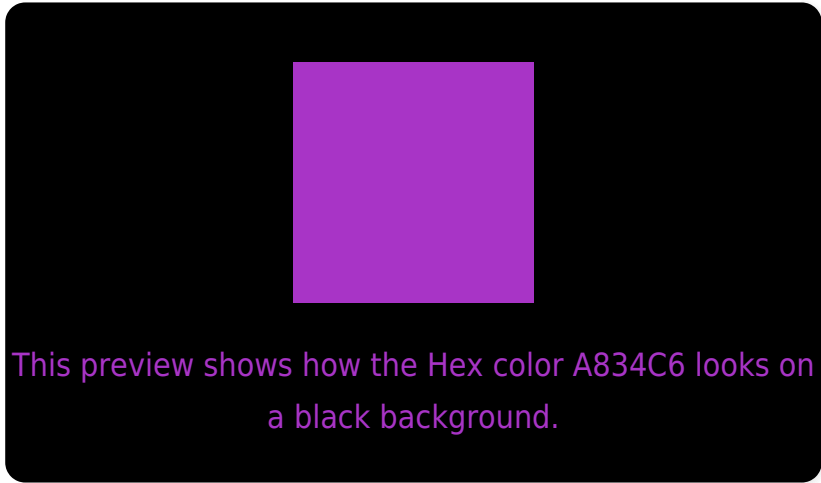
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

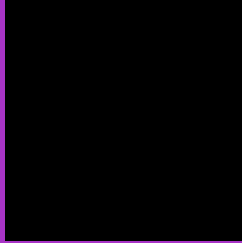
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A834C6 Background



This preview shows how black text looks on a background with the Hex color A834C6.

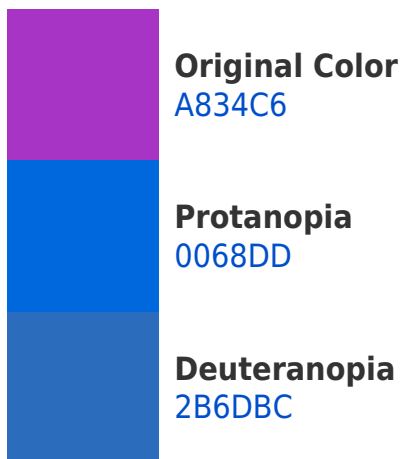



This preview shows how white text looks on a background with the Hex color A834C6.

# 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**  
9A595F

# Trichromacy



**Original Color**  
A834C6



**Protanomaly**  
3D55D5



**Deuteranomaly**  
5858C0



**Tritanomaly**  
9F4C84

# Monochromacy



**Original Color**  
A834C6



**Achromatopsia**  
676767



**Achromatomaly**  
7F548A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A834C6 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 #A834C6 looks like.

```
.text, #text, p{  
    color:#A834C6  
}
```

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 #A834C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A834C6
}
```

## Border

The CSS property to change the border of an element to Hex A834C6 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".

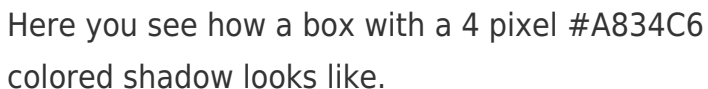
```
.border, #border, table{ border:4px solid
#A834C6 }
```

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

```
.border{ border-color:#A834C6 }
```

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

Here you see how a box with a 4 pixel #A834C6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A834C6; -webkit-box-shadow:4px 4px  
4px 4px #A834C6; box-shadow:4px 4px 4px  
4px #A834C6 }
```

# Background

The CSS property to change the background color of an element to Hex A834C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A834C6 }
```

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

```
.background{ background-color:#A834C6 }
```

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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