

# Converting Colors

Hex(BA9CF6)

Have a look what the booklet for  
Hex(BA9CF6) contains.

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# **Color**

**Hex(BA9CF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BA9CF6
RGB	186, 156, 246
RGB Percent	73%, 61%, 96%
CMY	0.2706, 0.3882, 0.0353
CMYK	0.24, 0.37, 0.00, 0.04
HSL	260°, 83%, 79%
HSV	260°, 37%, 96%
XYZ	48.7727, 40.8699, 92.5068
YIQ	175.2300, -11.0100, 34.3500

# Conversions

## Conversions Part 2

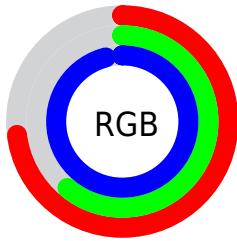
Format	Color
R <sub>Y</sub> B	186, 156, 246
Decimal	12229878
CIE Lab	70.08, 29.24, -41.00
CIE LCh	70, 50.362, 305.497
Yxy	40.8699, 0.2678, 0.2244
Android (android.graphics.Color)	4290419958 (0xFFBA9CF6)
YUV	175.2300, 34.8896, 9.4453
Hunter-Lab	63.9295, 24.3034, -41.0427

# Details

The Hex color **BA9CF6** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **D8F69C**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **F3D3FF**, and **8368BD** is the 20% darker color. If you saturate the color by 10%, you get **AA83F6**, and if you desaturate by 10%, it is **CAB5F6**.

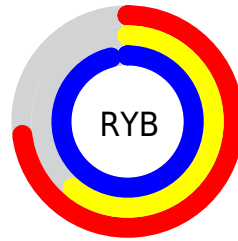
# Distribution



Red (73%)

Green (61%)

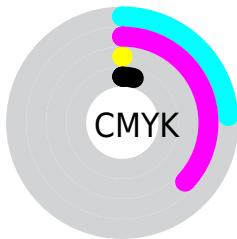
Blue (96%)



Red (73%)

Yellow (61%)

Blue (96%)

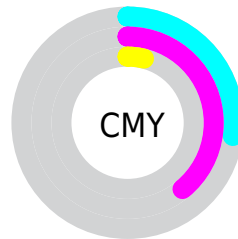


Cyan (24%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (39%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA9CF6 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 BA9CF6 by changing the saturation by 10% instead.



 BA9CF6

 BA9CF6

FFFFFF

 9E82D9

 F3D3FF

 8368BD

 FFEFFF

 6850A2

 4E3987

 34226E

 190D55

 04003D

 000326

 00010F

 BA9CF6

 BA9CF6

 AA83F6

 CAB5F6

 996BF6

 DBCDF6

 8952F6

 EBE6F6

 783AF6

 FCFEF6

 6821F6

 FFFFF6

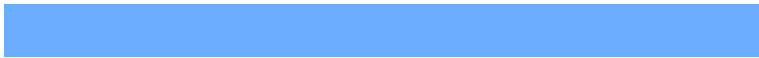
 5808F6

 5200F6

# Harmonies

## Analogous

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



6CADFF



BA9CF6



EB8CD2

# Triad

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



BA9CF6



E59B58



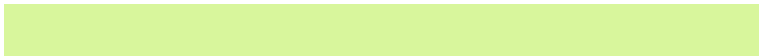
00C3B3

# Complementary

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



BA9CF6



D8F69C

# 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.



4FC084



BA9CF6



BEAC4D

# Square

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



BA9CF6



FD8C79



8EB85E



00C1DF

# Rectangle

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



BA9CF6



FC85B4



8EB85E



00C2A3



# Sweetspot

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



BA9CF6



ECE3FF



9CD8F6



746F80



000000



808080



# Same Dimension

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



BA9CF6



B48FFF



E79CF6



726E7A



3E00BA



14003B



# Inverse Universe

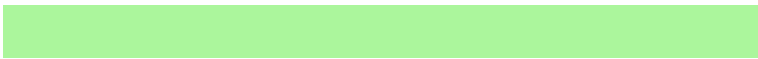
The Inverse Universe completely reimagines the original color for something new.



F69CD8



FF8FDA



ABF69C



7A6E76



BA007C

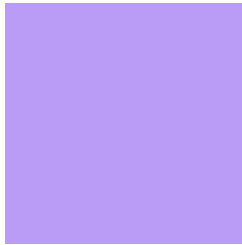


3B0027



# Previews

## White Background



This preview shows how the Hex color BA9CF6 looks on a white background.

## Color Contrast Check

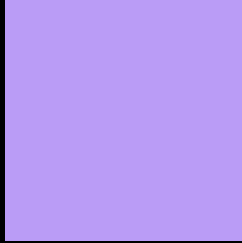
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BA9CF6 looks on a 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 ✓ Pass

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



## Hex BA9CF6 Background



This preview shows how black text looks on a background with the Hex color BA9CF6.

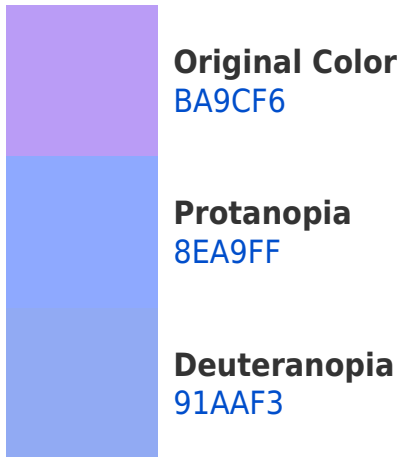


This preview shows how white text looks on a background with the Hex color BA9CF6.

# 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](#).

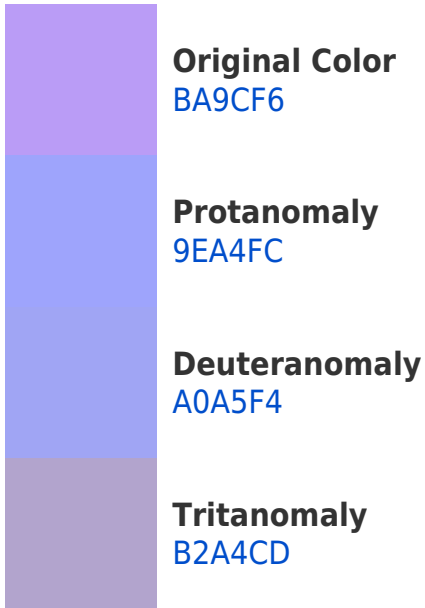
## Dichromacy



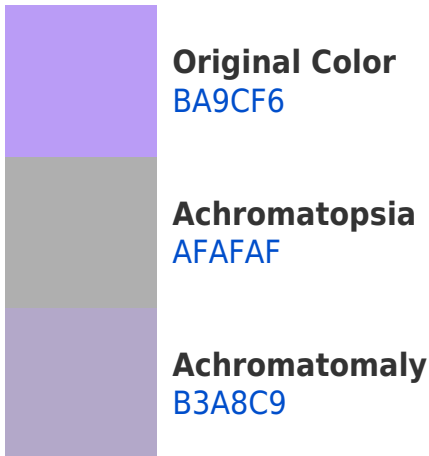


**Tritanopia**  
AEA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA9CF6 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 #BA9CF6 looks like.

```
.text, #text, p{  
    color:#BA9CF6  
}
```

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 #BA9CF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA9CF6
}
```

## Border

The CSS property to change the border of an element to Hex BA9CF6 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
#BA9CF6 }
```

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

```
.border{ border-color:#BA9CF6 }
```

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

Here you see how a box with a 4 pixel #BA9CF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA9CF6; -webkit-box-shadow:4px 4px  
4px 4px #BA9CF6; box-shadow:4px 4px 4px  
4px #BA9CF6 }
```

# Background

The CSS property to change the background color of an element to Hex BA9CF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA9CF6 }
```

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

```
.background{ background-color:#BA9CF6 }
```

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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