

# Converting Colors

Hex(AC9CF5)

Have a look what the booklet for  
Hex(AC9CF5) contains.

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# **Color**

**Hex(AC9CF5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AC9CF5
RGB	172, 156, 245
RGB Percent	67%, 61%, 96%
CMY	0.3255, 0.3882, 0.0392
CMYK	0.30, 0.36, 0.00, 0.04
HSL	251°, 82%, 79%
HSV	251°, 36%, 96%
XYZ	45.3832, 39.1402, 91.5491
YIQ	170.9300, -19.0330, 31.0710

# Conversions

## Conversions Part 2

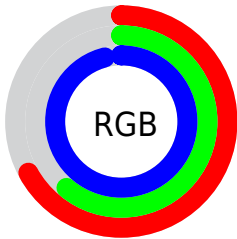
Format	Color
R <sub>Y</sub> B	172, 156, 245
Decimal	11312373
CIE <sub>Lab</sub>	68.85, 25.06, -42.47
CIE <sub>LCh</sub>	69, 49.311, 300.540
Yxy	39.1402, 0.2578, 0.2223
Android (android.graphics.Color)	4289502453 (0xFFAC9CF5)
YUV	170.9300, 36.5165, 0.9384
Hunter-Lab	62.5621, 20.0020, -42.9674

# Details

The Hex color **AC9CF5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E5F59C**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **E5D3FF**, and **7569BC** is the 20% darker color. If you saturate the color by 10%, you get **9884F5**, and if you desaturate by 10%, it is **C0B4F5**.

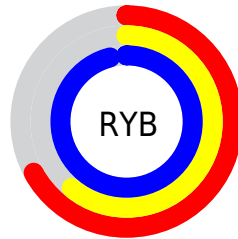
# Distribution



Red (67%)

Green (61%)

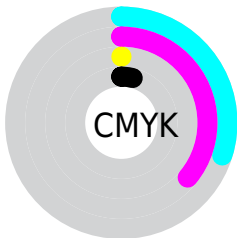
Blue (96%)



Red (67%)

Yellow (61%)

Blue (96%)

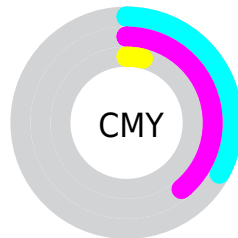


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (39%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AC9CF5 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 AC9CF5 by changing the saturation by 10% instead.



■ AC9CF5

■ AC9CF5

FFFFFF

■ 9082D8

■ E5D3FF

■ 7569BC

■ FFEFFF

■ 5A50A1

■ 403986

■ 24246D

■ 000F54

■ 00003C

■ 000225

■ 00010E

■ AC9CF5

■ AC9CF5

■ 9884F5

■ C0B4F5

■ 846BF5

■ D4CDF5

■ 7053F5

■ E8E6F5

■ 5C3AF5

■ FCFEF5

■ 4822F5

■ FFFFF5

■ 3309F5

■ 2C00F5

# Harmonies

## Analogous

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



59ACFF



AC9CF5



E08BD5

# Triad

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



AC9CF5



E5965B



00BFA7

# Complementary

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



AC9CF5



E5F59C

# 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.



5BBB7A



AC9CF5



C2A64C

# Square

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



AC9CF5



FA877D



94B358



00BED4

# Rectangle

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



AC9CF5



F484B8



94B358



0FBE98



# Sweetspot

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



AC9CF5



E8E3FF



9CE6F5



726F80



000000



808080



# Same Dimension

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



AC9CF5



A38FFF



D79CF5



706E7A



2100BA



0B003B



# Inverse Universe

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



F59CE5



FF8FEB



BAF59C



7A6E78



BA0099

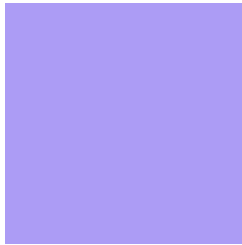


3B0030



# Previews

## White Background



This preview shows how the Hex color AC9CF5 looks on a white background.

## Color Contrast Check

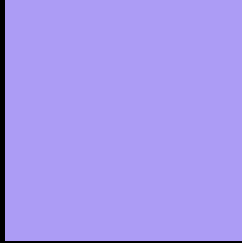
Large Text (above 18pt) WCAG AA × Fail

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 AC9CF5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

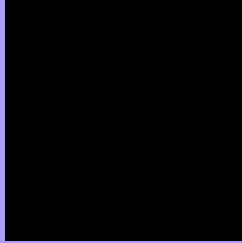
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AC9CF5 Background



This preview shows how black text looks on a background with the Hex color AC9CF5.



This preview shows how white text looks on a background with the Hex color AC9CF5.

# 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](#).

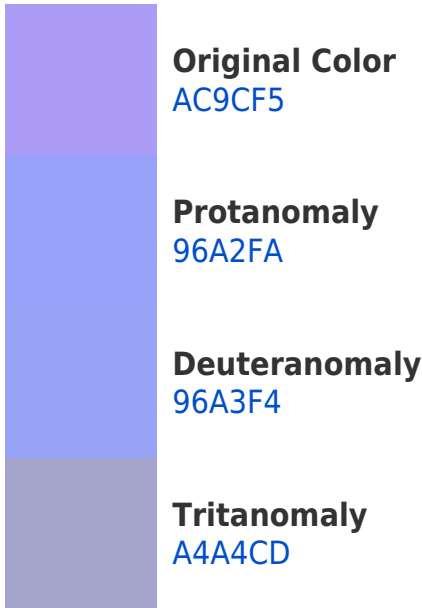
## Dichromacy



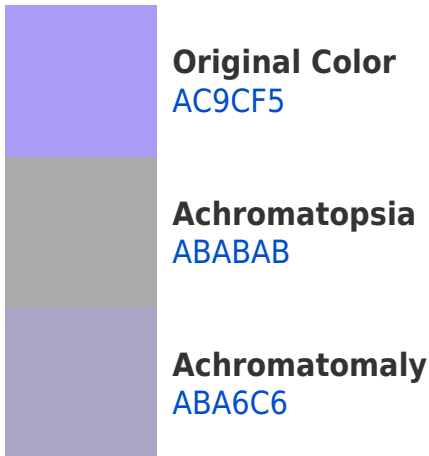


**Tritanopia**  
9FA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AC9CF5 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 #AC9CF5 looks like.

```
.text, #text, p{  
    color:#AC9CF5  
}
```

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 #AC9CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9CF5
}
```

## Border

The CSS property to change the border of an element to Hex AC9CF5 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
#AC9CF5 }
```

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

```
.border{ border-color:#AC9CF5 }
```

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

Here you see how a box with a 4 pixel #AC9CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9CF5; -webkit-box-shadow:4px 4px  
4px 4px #AC9CF5; box-shadow:4px 4px 4px  
4px #AC9CF5 }
```

# Background

The CSS property to change the background color of an element to Hex AC9CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9CF5 }
```

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

```
.background{ background-color:#AC9CF5 }
```

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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