

Converting Colors

Hex(AC9EF5)

Have a look what the booklet for
Hex(AC9EF5) contains.

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Color

Hex(AC9EF5)

Conversions

Conversions Part 1

Format	Color
Hex	AC9EF5
RGB	172, 158, 245
RGB Percent	67%, 62%, 96%
CMY	0.3255, 0.3804, 0.0392
CMYK	0.30, 0.36, 0.00, 0.04
HSL	250°, 81%, 79%
HSV	250°, 36%, 96%
XYZ	45.7215, 39.8169, 91.6619
YIQ	172.1040, -19.5830, 30.0250

Conversions

Conversions Part 2

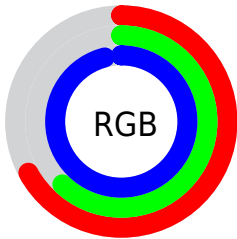
Format	Color
R _Y B	172, 158, 245
Decimal	11312885
CIE _{Lab}	69.34, 23.93, -41.71
CIE _{LCh}	69, 48.086, 299.844
Yxy	39.8169, 0.2580, 0.2247
Android (android.graphics.Color)	4289502965 (0xFFAC9EF5)
YUV	172.1040, 35.9377, -0.0912
Hunter-Lab	63.1007, 18.9115, -41.9559

Details

The Hex color **AC9EF5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E7F59E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E5D5FF**, and **756BBC** is the 20% darker color. If you saturate the color by 10%, you get **9786F5**, and if you desaturate by 10%, it is **C1B7F5**.

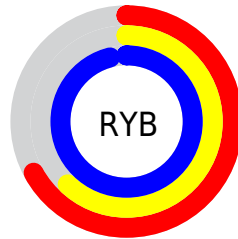
Distribution



Red (67%)

Green (62%)

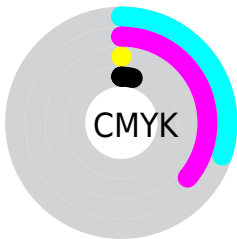
Blue (96%)



Red (67%)

Yellow (62%)

Blue (96%)

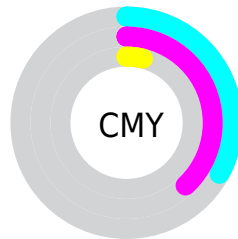


Cyan (30%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (38%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC9EF5 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 AC9EF5 by changing the saturation by 10% instead.

■ AC9EF5

■ AC9EF5

FFFFFF

■ 9084D8

■ E5D5FF

■ 756BBC

■ FFF1FF

■ 5B52A1

■ 403B86

■ 25256D

■ 001154

■ 00003C

■ 000226

■ 00010E

 AC9EF5

 AC9EF5

 9786F5

 C1B7F5

 836DF5

 D5CFF5

 6E55F5

 EAE8F5

 5A3CF5

 FEFFF5

 4524F5

 FFFFF5

 310BF5

 2700F5

Harmonies

Analogous

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



5CAEFF



AC9EF5



DF8ED6

Triad

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



AC9EF5



E6975F



00BFA8

Complementary

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



AC9EF5



E7F59E

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.



60BC7C



AC9EF5



C4A750

Square

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



AC9EF5



FA8980



97B45B



00BFD3

Rectangle

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



AC9EF5



F387BA



97B45B



25BF98

Sweetspot

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



AC9EF5



E7E3FF



9EE8F5



726F80



000000



808080

Same Dimension

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



AC9EF5



A391FF



D79EF5



706E7A



1E00BA



09003B

Inverse Universe

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



F59EE7



FF91ED



BCF59E



7A6E78



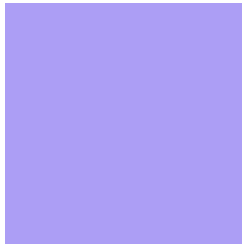
BA009C



3B0031

Previews

White Background



This preview shows how the Hex color AC9EF5 looks on a white background.

Color Contrast Check

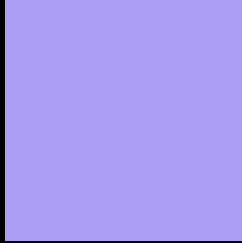
Large Text (above 18pt) WCAG AA × Fail

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 AC9EF5 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 AC9EF5 Background



This preview shows how black text looks on a background with the Hex color AC9EF5.

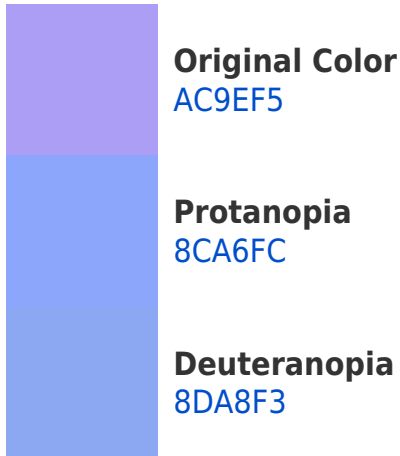


This preview shows how white text looks on a background with the Hex color AC9EF5.

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](#).

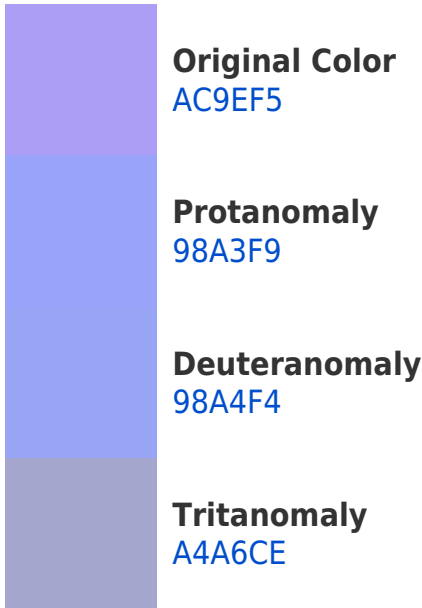
Dichromacy



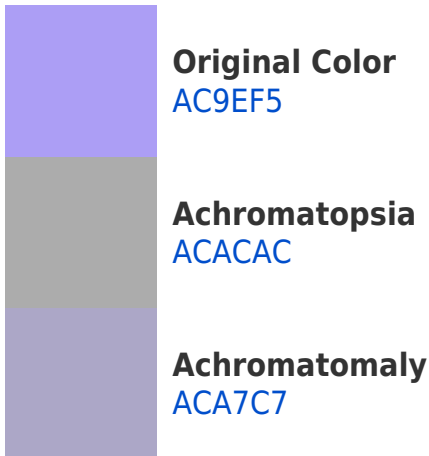


Tritanopia
A0AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AC9EF5 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 #AC9EF5 looks like.

```
.text, #text, p{  
    color:#AC9EF5  
}
```

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 #AC9EF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC9EF5
}
```

Border

The CSS property to change the border of an element to Hex AC9EF5 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
#AC9EF5 }
```

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

```
.border{ border-color:#AC9EF5 }
```

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

Here you see how a box with a 4 pixel #AC9EF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC9EF5; -webkit-box-shadow:4px 4px  
4px 4px #AC9EF5; box-shadow:4px 4px 4px  
4px #AC9EF5 }
```

Background

The CSS property to change the background color of an element to Hex AC9EF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC9EF5 }
```

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

```
.background{ background-color:#AC9EF5 }
```

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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