

# Converting Colors

Hex(A949EA)

Have a look what the booklet for  
Hex(A949EA) contains.

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**Color**

**Hex(A949EA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A949EA
RGB	169, 73, 234
RGB Percent	66%, 29%, 92%
CMY	0.3373, 0.7137, 0.0824
CMYK	0.28, 0.69, 0.00, 0.08
HSL	276°, 79%, 60%
HSV	276°, 69%, 92%
XYZ	33.5960, 19.1406, 79.7657
YIQ	120.0580, 5.5350, 70.4230

# Conversions

## Conversions Part 2

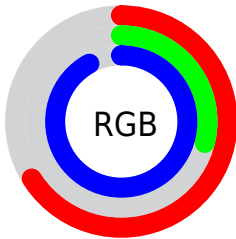
Format	Color
<a href="#">RYB</a>	<a href="#">169, 73, 234</a>
Decimal	<a href="#">11094506</a>
CIELab	<a href="#">50.85, 65.37, -65.03</a>
CIELCh	<a href="#">51, 92.211, 315.149</a>
Yxy	<a href="#">19.1406, 0.2536, 0.1445</a>
Android (android.graphics.Color)	<a href="#">4289284586 (0xFFA949EA)</a>
YUV	<a href="#">120.0580, 56.1734, 42.9221</a>
Hunter-Lab	<a href="#">43.7500, 60.5093, -77.4735</a>

# Details

The Hex color **A949EA** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8AEA49**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E480FF**, and **6F01B1** is the 20% darker color. If you saturate the color by 10%, you get **A032EA**, and if you desaturate by 10%, it is **B260EA**.

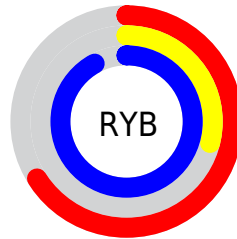
# Distribution



Red (66%)

Green (29%)

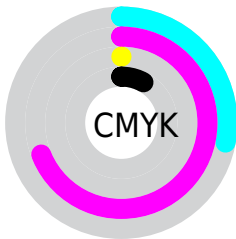
Blue (92%)



Red (66%)

Yellow (29%)

Blue (92%)

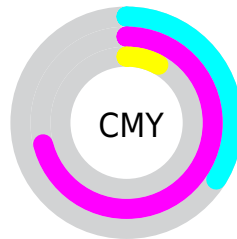


Cyan (28%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (34%)

Magenta (71%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A949EA 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 A949EA by changing the saturation by 10% instead.



 A949EA

 A949EA

FFFFFF

 8C2CCD

 E480FF

 6F01B1

 FF9CFF

 520096

 FFB8FF

 33007B

 FFD5FF

 140061

 FFF3FF

 000048

 000431

 00011B

 000000

 A949EA

 A949EA

 A032EA

 B260EA

 961AEA

 BC78EA

 8D03EA

 C58FEA

 8C00EA

 CFA7EA

 D8BEEA

 E2D5EA

 EBDEEA

 F5FFEA

 FEFFEA

# Harmonies

## Analogous

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



0077FF



A949EA



ED00A4

# Triad

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



A949EA



B36700



0098A0

# Complementary

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



A949EA



8AEA49

# 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.



00964D



A949EA



6F8200

# Square

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



A949EA



E53500



009000



0097E9

# Rectangle

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



A949EA



FC006F



009000



009885



# Sweetspot

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



A949EA



E9C9FF



498CEA



736080



000000



808080



# Same Dimension

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



A949EA



AA2BFF



EA49DD



716A75



6C00B5



200036



# Inverse Universe

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



EA498A



FF2B81



49EA56



756A6E



B50049

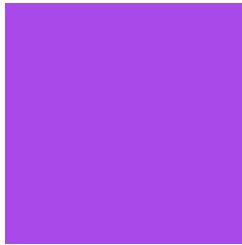


360016



# Previews

## White Background



This preview shows how the Hex color A949EA 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

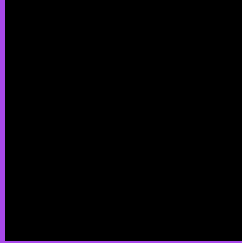
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A949EA Background



This preview shows how black text looks on a background with the Hex color A949EA.

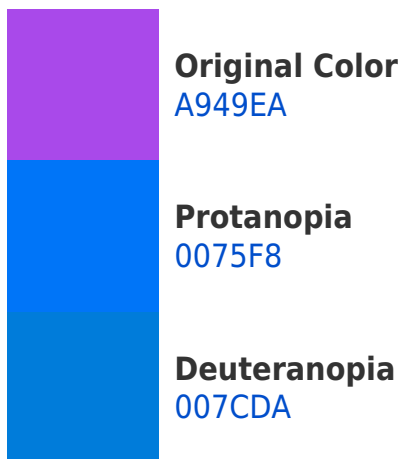


This preview shows how white text looks on a background with the Hex color A949EA.

# 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**  
956F77

# Trichromacy



**Original Color**  
A949EA



**Protanomaly**  
3D65F3



**Deuteranomaly**  
3D69E0



**Tritanomaly**  
9C61A1

# Monochromacy



**Original Color**  
A949EA



**Achromatopsia**  
787878



**Achromatomaly**  
8A67A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A949EA 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 #A949EA looks like.

```
.text, #text, p{  
    color:#A949EA  
}
```

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 #A949EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A949EA
}
```

## Border

The CSS property to change the border of an element to Hex A949EA 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".

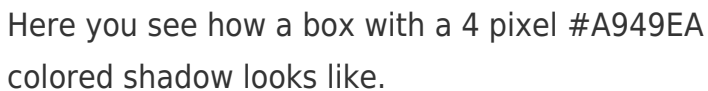
```
.border, #border, table{ border:4px solid
#A949EA }
```

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

```
.border{ border-color:#A949EA }
```

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

Here you see how a box with a 4 pixel #A949EA 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, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A949EA; -webkit-box-shadow:4px 4px  
4px 4px #A949EA; box-shadow:4px 4px 4px  
4px #A949EA }
```

# Background

The CSS property to change the background color of an element to Hex A949EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A949EA }
```

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

```
.background{ background-color:#A949EA }
```

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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