

# Converting Colors

Hex(A29EFB)

Have a look what the booklet for  
Hex(A29EFB) contains.

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# **Color**

**Hex(A29EFB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A29EFB
RGB	162, 158, 251
RGB Percent	64%, 62%, 98%
CMY	0.3647, 0.3804, 0.0157
CMYK	0.35, 0.37, 0.00, 0.02
HSL	243°, 92%, 80%
HSV	243°, 37%, 98%
XYZ	44.5397, 39.1001, 96.4664
YIQ	169.7980, -27.4690, 29.7710

# Conversions

## Conversions Part 2

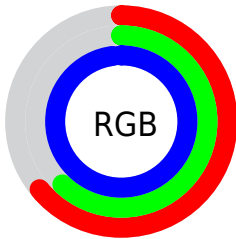
Format	Color
<a href="#">RYB</a>	<a href="#">162, 158, 251</a>
Decimal	<a href="#">10657531</a>
CIELab	<a href="#">68.82, 22.75, -45.84</a>
CIELCh	<a href="#">69, 51.174, 296.389</a>
Yxy	<a href="#">39.1001, 0.2473, 0.2171</a>
Android (android.graphics.Color)	<a href="#">4288847611</a> ( <a href="#">0xFFA29EFB</a> )
YUV	<a href="#">169.7980, 40.0326, -6.8388</a>
Hunter-Lab	<a href="#">62.5301, 17.7166, -47.6967</a>

# Details

The Hex color **A29EFB** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F7FB9E**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DBD5FF**, and **6B6BC2** is the 20% darker color. If you saturate the color by 10%, you get **8A85FB**, and if you desaturate by 10%, it is **BAB7FB**.

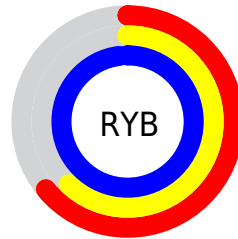
# Distribution



Red (64%)

Green (62%)

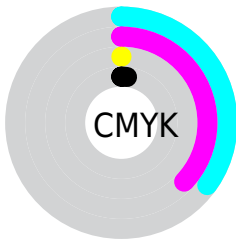
Blue (98%)



Red (64%)

Yellow (62%)

Blue (98%)

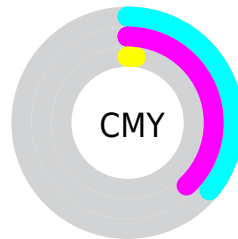


Cyan (35%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (36%)

Magenta (38%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A29EFB 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 A29EFB by changing the saturation by 10% instead.



 A29EFB

 A29EFB

FFFFFF

 8684DE

 DBD5FF

 6B6BC2

 F9F1FF

 4F53A6

 333C8C

 102672

 001259

 000041

 00032A

 000114

 A29EFB

 A29EFB

 8A85FB

 BAB7FB

 726CFB

 D2D0FB

 5A53FB

 EAE9FB

 423AFB

 FFFFFB

 2A21FB

 1207FB

 0B00FB

# Harmonies

## Analogous

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



3FAFFF



A29EFB



DC8CDC

# Triad

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



A29EFB



EB925C



00BFA1

# Complementary

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



A29EFB



F7FB9E

# 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.



60BB73



A29EFB



C8A348

# Square

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



A29EFB



FE8481



9AB151



00BFD0

# Rectangle

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



A29EFB



F383BF



9AB151



1CBE91



# Sweetspot

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



A29EFB



E4E3FF



9EF8FB



706F80



000000



808080



# Same Dimension

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



A29EFB



948FFF



D09EFB



71707D



0800BD



03003D



# Inverse Universe

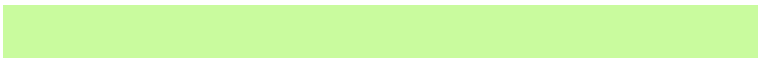
The Inverse Universe completely reimagines the original color for something new.



FB9EF7



FF8FFA



C9FB9E



7D707C



BD00B5

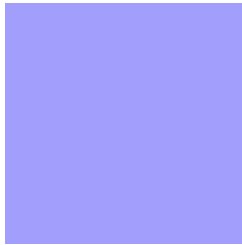


3D003B



# Previews

## White Background



This preview shows how the Hex color A29EFB looks on a white background.

## Color Contrast Check

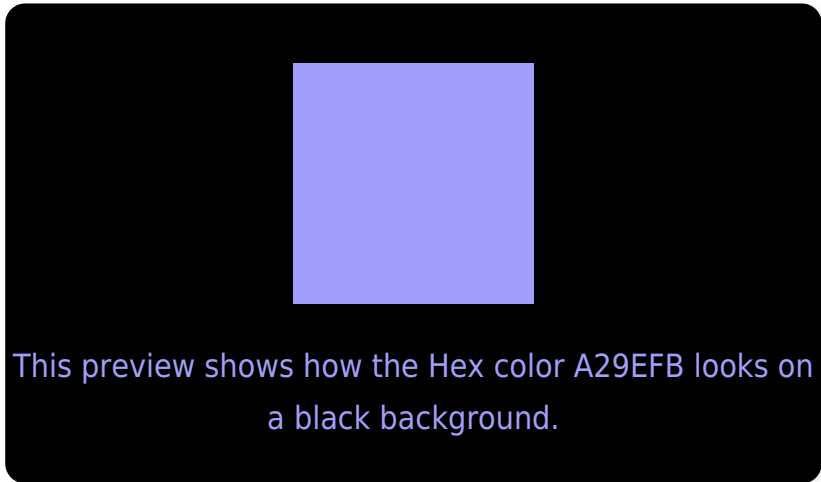
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 A29EFB Background



This preview shows how black text looks on a background with the Hex color A29EFB.



This preview shows how white text looks on a background with the Hex color A29EFB.

# 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](#).

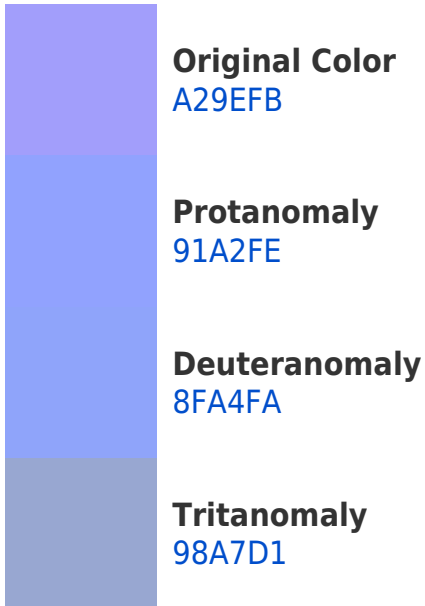
## Dichromacy



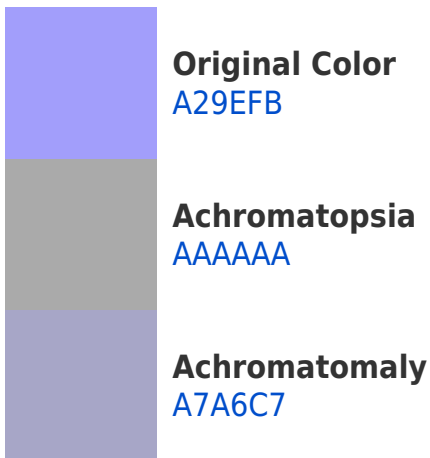


**Tritanopia**  
93ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A29EFB 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 #A29EFB looks like.

```
.text, #text, p{  
    color:#A29EFB  
}
```

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 #A29EFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A29EFB
}
```

## Border

The CSS property to change the border of an element to Hex A29EFB 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
#A29EFB }
```

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

```
.border{ border-color:#A29EFB }
```

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

Here you see how a box with a 4 pixel #A29EFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A29EFB; -webkit-box-shadow:4px 4px  
4px 4px #A29EFB; box-shadow:4px 4px 4px  
4px #A29EFB }
```

# Background

The CSS property to change the background color of an element to Hex A29EFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A29EFB }
```

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

```
.background{ background-color:#A29EFB }
```

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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