

# Converting Colors

Hex(B29AF5)

Have a look what the booklet for  
Hex(B29AF5) contains.

<b>Hex(B29AF5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B29AF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B29AF5
RGB	178, 154, 245
RGB Percent	70%, 60%, 96%
CMY	0.3020, 0.3961, 0.0392
CMYK	0.27, 0.37, 0.00, 0.04
HSL	256°, 82%, 78%
HSV	256°, 37%, 96%
XYZ	46.3971, 39.1688, 91.5011
YIQ	171.5500, -14.9070, 33.3890

# Conversions

## Conversions Part 2

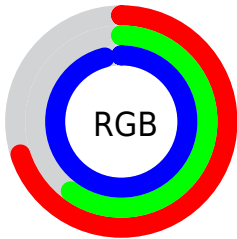
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	178, 154, 245
Decimal	11705077
CIE Lab	68.87, 27.86, -42.40
CIE LCh	69, 50.733, 303.304
Yxy	39.1688, 0.2620, 0.2212
Android (android.graphics.Color)	4289895157 (0xFFB29AF5)
YUV	171.5500, 36.2108, 5.6566
Hunter-Lab	62.5849, 22.8067, -42.8744

# Details

The Hex color **B29AF5** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DDF59A**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **EBD1FF**, and **7B67BC** is the 20% darker color. If you saturate the color by 10%, you get **A082F5**, and if you desaturate by 10%, it is **C4B2F5**.

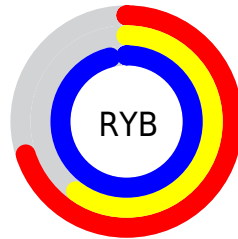
# Distribution



Red (70%)

Green (60%)

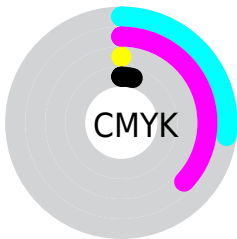
Blue (96%)



Red (70%)

Yellow (60%)

Blue (96%)

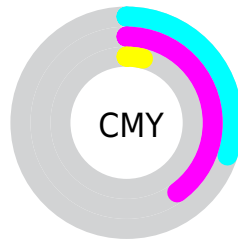


Cyan (27%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (30%)

Magenta (40%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B29AF5 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 B29AF5 by changing the saturation by 10% instead.



 B29AF5

 B29AF5

FFFFFF

 9680D8

 EBD1FF

 7B67BC

 FFEDFF

 604EA1

 463786

 2B216D

 0B0C54

 00003C

 000225

 00010E

 B29AF5

 B29AF5

 A082F5

 C4B2F5

 8E69F5

 D6CBF5

 7C50F5

 E8E3F5

 6A38F5

 FAFCF5

 581FF5

 FFFFF5

 4607F5

 4100F5

# Harmonies

## Analogous

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



5FABFF



B29AF5



E589D2

# Triad

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



B29AF5



E49756



00BFAC

# Complementary

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



B29AF5



DDF59A

# 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.



50BC7D



B29AF5



BEA749

# Square

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



B29AF5



FB8778



8FB458



00BED9

# Rectangle

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



B29AF5



F882B4



8FB458



00BF9C



# Sweetspot

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



B29AF5



EAE3FF



9ADEF5



736F80



000000



808080



# Same Dimension

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



B29AF5



AB8CFF



DE9AF5



716E7A



3100BA



0F003B



# Inverse Universe

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



F59ADD



FF8CE1



B1F59A



7A6E77



BA0089

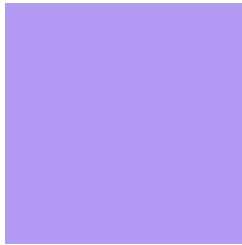


3B002B



# Previews

## White Background



This preview shows how the Hex color B29AF5 looks on a white background.

## Color Contrast Check

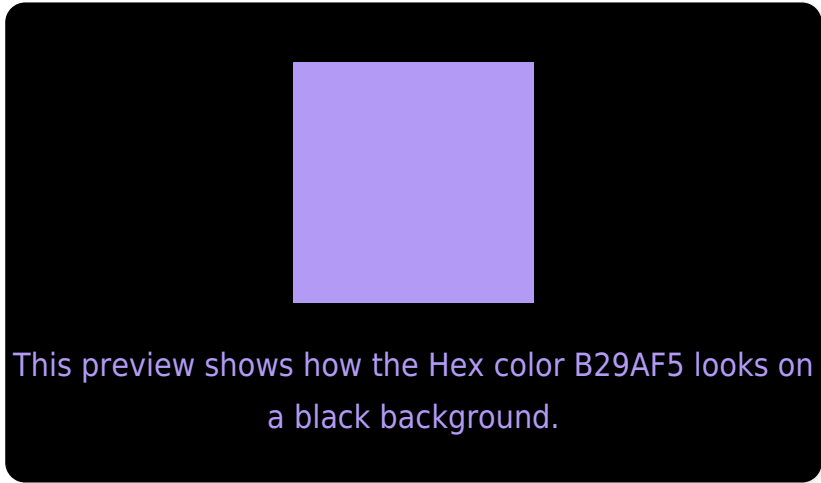
Large Text (above 18pt) WCAG AA × Fail

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 B29AF5 Background



This preview shows how black text looks on a background with the Hex color B29AF5.

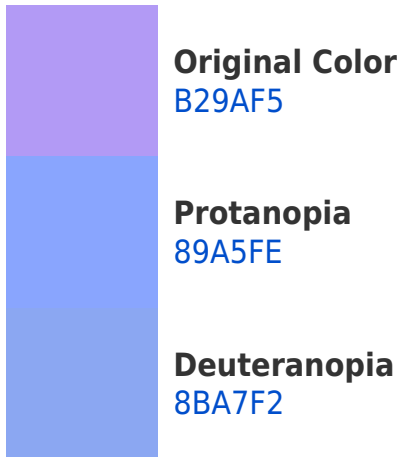


This preview shows how white text looks on a background with the Hex color B29AF5.

# 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](#).

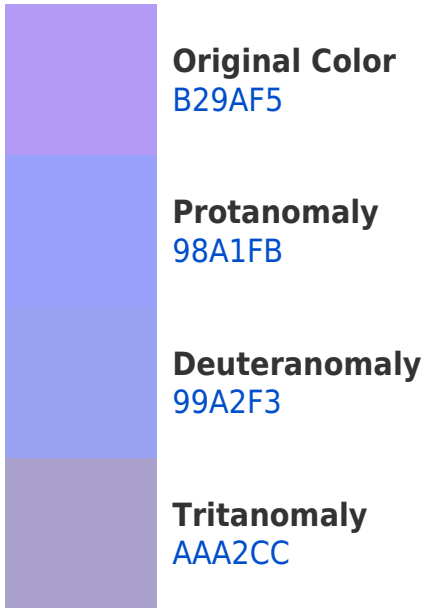
## Dichromacy



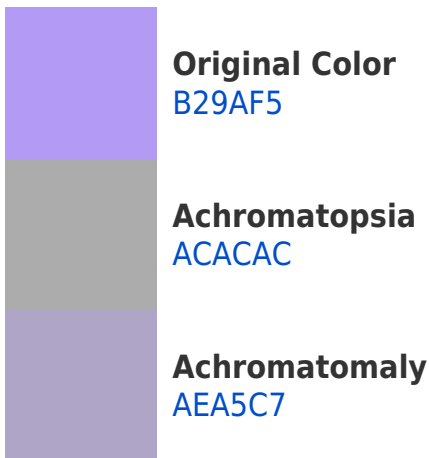


**Tritanopia**  
A6A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B29AF5 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 #B29AF5 looks like.

```
.text, #text, p{  
    color:#B29AF5  
}
```

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 #B29AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29AF5
}
```

## Border

The CSS property to change the border of an element to Hex B29AF5 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
#B29AF5 }
```

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

```
.border{ border-color:#B29AF5 }
```

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

Here you see how a box with a 4 pixel #B29AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29AF5; -webkit-box-shadow:4px 4px  
4px 4px #B29AF5; box-shadow:4px 4px 4px  
4px #B29AF5 }
```

# Background

The CSS property to change the background color of an element to Hex B29AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29AF5 }
```

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

```
.background{ background-color:#B29AF5 }
```

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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