

Converting Colors

Hex(B29DEE)

Have a look what the booklet for
Hex(B29DEE) contains.

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Color

Hex(**B29DEE**)

Conversions

Conversions Part 1

Format	Color
Hex	B29DEE
RGB	178, 157, 238
RGB Percent	70%, 62%, 93%
CMY	0.3020, 0.3843, 0.0667
CMYK	0.25, 0.34, 0.00, 0.07
HSL	256°, 70%, 77%
HSV	256°, 34%, 93%
XYZ	45.8497, 39.7520, 86.1453
YIQ	172.5130, -13.4850, 29.6430

Conversions

Conversions Part 2

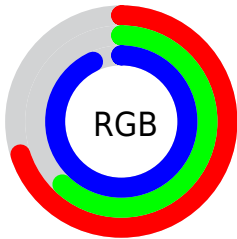
Format	Color
RYB	178, 157, 238
Decimal	11705838
CIELab	69.29, 24.50, -37.92
CIElCh	69, 45.145, 302.860
Yxy	39.7520, 0.2670, 0.2315
Android (android.graphics.Color)	4289895918 (0xFFB29DEE)
YUV	172.5130, 32.2851, 4.8121
Hunter-Lab	63.0492, 19.4701, -36.8747

Details

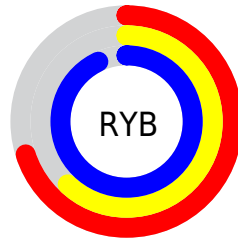
The Hex color **B29DEE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D9EE9D**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **EBD4FF**, and **7C6AB6** is the 20% darker color. If you saturate the color by 10%, you get **A085EE**, and if you desaturate by 10%, it is **C4B5EE**.

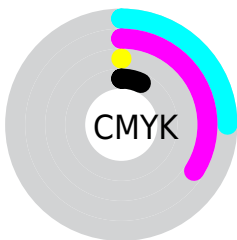
Distribution



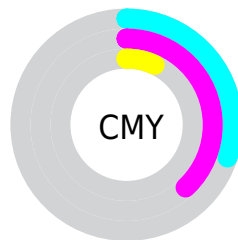
- Red (70%)
- Green (62%)
- Blue (93%)



- Red (70%)
- Yellow (62%)
- Blue (93%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color B29DEE 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 B29DEE by changing the saturation by 10% instead.

 B29DEE

 B29DEE


FFFFFF

 9683D2

 EBD4FF

 7C6AB6

 FFF0FF

 61519B

 483A80

 2E2467

 120F4E

 000037

 000221

 000005

 B29DEE

 B29DEE

 A085EE

 C4B5EE

 8F6DEE

 D5CDEE

 7D56EE

 E7E4EE

 6B3EEE

 F9FCEE

 5A26EE

 FFFFEE

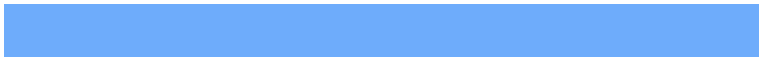
 480EEE

 3E00EE

Harmonies

Analogous

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



6EACFB



B29DEE



DF8FCF

Triad

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



B29DEE



E09A61



00BEAC

Complementary

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



B29DEE



D9EE9D

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.



60BB82



B29DEE



BFA856

Square

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



B29DEE



F48D7F



94B462



00BDD4

Rectangle

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



B29DEE



F189B5



94B462



2DBE9E

Sweetspot

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



B29DEE



ECE6FF



9DDAEE



747080



000000



808080

Same Dimension

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



B29DEE



B296FF



DA9DEE



6F6C78



3000B8



0F0038

Inverse Universe

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



EE9DD9



FF96E4



B1EE9D



786C75



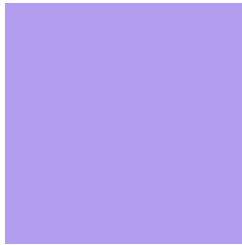
B80088



38002A

Previews

White Background



This preview shows how the Hex color B29DEE looks on a white background.

Color Contrast Check

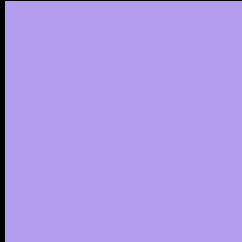
Large Text (above 18pt) WCAG AA × Fail

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 B29DEE 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 B29DEE Background



This preview shows how black text looks on a background with the Hex color B29DEE.

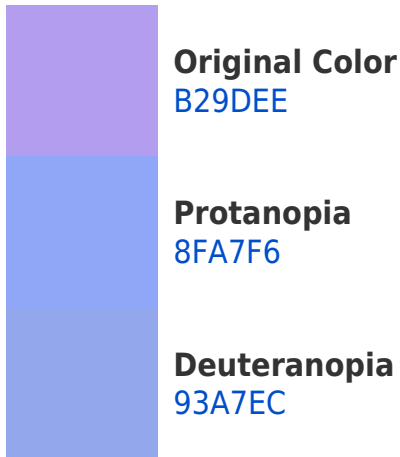


This preview shows how white text looks on a background with the Hex color B29DEE.

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](#).

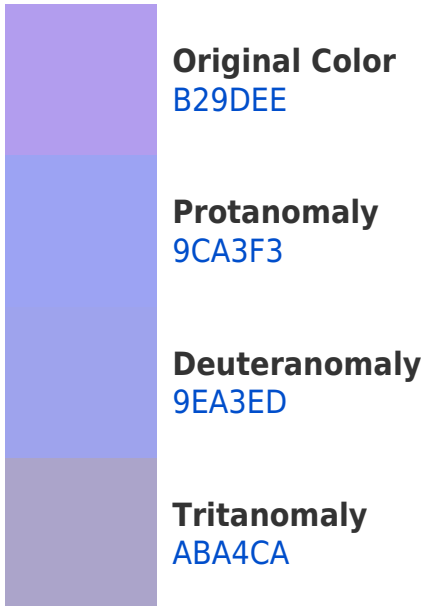
Dichromacy



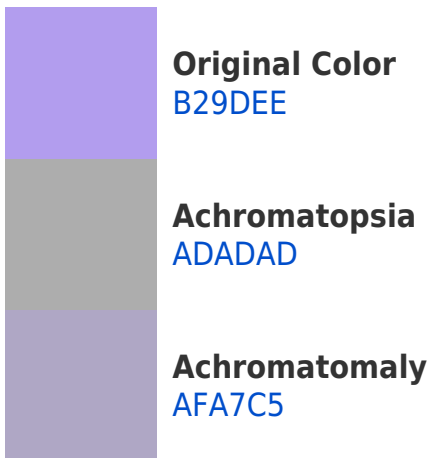


Tritanopia
A7A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B29DEE 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 #B29DEE looks like.

```
.text, #text, p{  
    color:#B29DEE  
}
```

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 #B29DEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B29DEE
}
```

Border

The CSS property to change the border of an element to Hex B29DEE 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
#B29DEE }
```

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

```
.border{ border-color:#B29DEE }
```

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

Here you see how a box with a 4 pixel #B29DEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B29DEE; -webkit-box-shadow:4px 4px  
4px 4px #B29DEE; box-shadow:4px 4px 4px  
4px #B29DEE }
```

Background

The CSS property to change the background color of an element to Hex B29DEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B29DEE }
```

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

```
.background{ background-color:#B29DEE }
```

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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