

Converting Colors

Hex(B429CD)

Have a look what the booklet for
Hex(B429CD) contains.

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Color

Hex(B429CD)

Conversions

Conversions Part 1

Format	Color
Hex	B429CD
RGB	180, 41, 205
RGB Percent	71%, 16%, 80%
CMY	0.2941, 0.8392, 0.1961
CMYK	0.12, 0.80, 0.00, 0.20
HSL	291°, 67%, 48%
HSV	291°, 80%, 80%
XYZ	30.6348, 15.6970, 59.1728
YIQ	101.2570, 30.2000, 80.4720

Conversions

Conversions Part 2

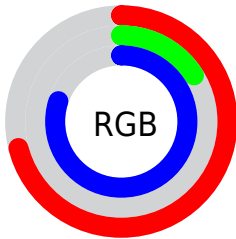
Format	Color
R_{YB}	180, 41, 205
Decimal	11807181
CIE _{Lab}	46.57, 73.10, -55.32
CIE _{LCh}	47, 91.675, 322.880
Yxy	15.6970, 0.2904, 0.1488
Android (android.graphics.Color)	4289997261 (0xFFB429CD)
YUV	101.2570, 51.1453, 69.0576
Hunter-Lab	39.6194, 68.6871, -60.8179

Details

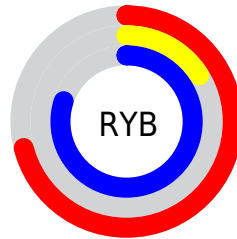
The Hex color **B429CD** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **42CD29**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **EF68FF**, and **7A0096** is the 20% darker color. If you saturate the color by 10%, you get **B114CD**, and if you desaturate by 10%, it is **B73ECD**.

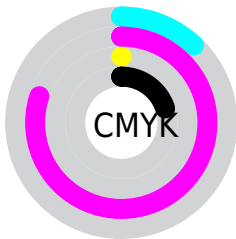
Distribution



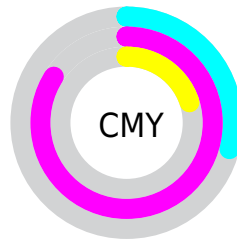
- Red (71%)
- Green (16%)
- Blue (80%)



- Red (71%)
- Yellow (16%)
- Blue (80%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B429CD 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 B429CD by changing the saturation by 10% instead.

 B429CD

 B429CD

FFFFFF

 9700B1

 EF68FF

 7A0096

 FF85FF

 5E007B

 FFA2FF

 420062

 FFBFFF

 270049

 FFD0FF

 000031

 FFFAFF

 00011B

 000000

 B429CD

 B429CD

 B114CD

 B73ECD

 AE00CD

 BA52CD

 BD67CD

 C17BCD

 C490CD

 C7A4CD

 CAB9CD

 CDCDCD

 D0E2CD

Harmonies

Analogous

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



0063FF



B429CD



E70084

Triad

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



B429CD



966500



008DA9

Complementary

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



B429CD



42CD29

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.



008B59



B429CD



4D7C00

Square

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



B429CD



CC3A00



008600



008AEA

Rectangle

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



B429CD



EE0052



008600



008C8F

Sweetspot

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



B429CD



F6C2FF



2944CD



7A5B80



000000



808080

Same Dimension

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



B429CD



DA0AFF



CD2996



645C66



8C00A6



200026

Inverse Universe

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



CD2942



FF0A30



29CD60



665C5D



A60019



260006

Previews

White Background



This preview shows how the Hex color B429CD looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

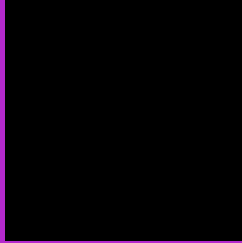
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex B429CD Background



This preview shows how black text looks on a background with the Hex color B429CD.

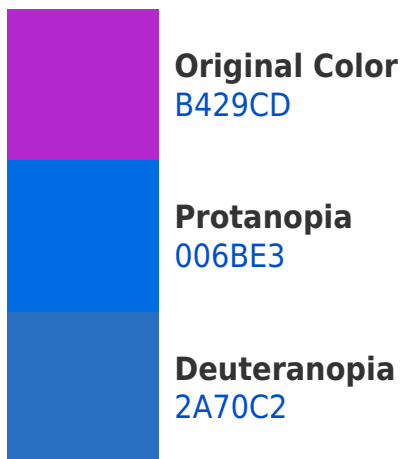


This preview shows how white text looks on a background with the Hex color B429CD.

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](#).

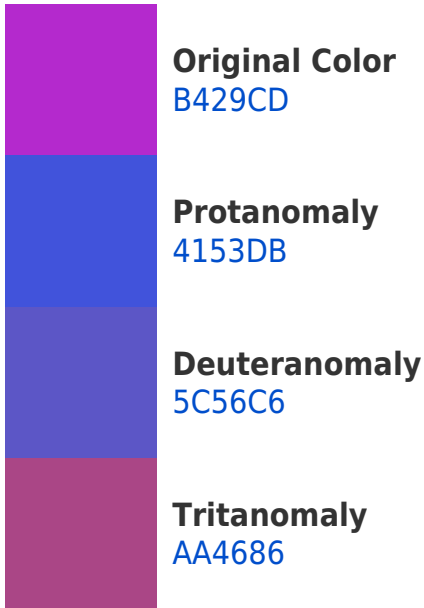
Dichromacy



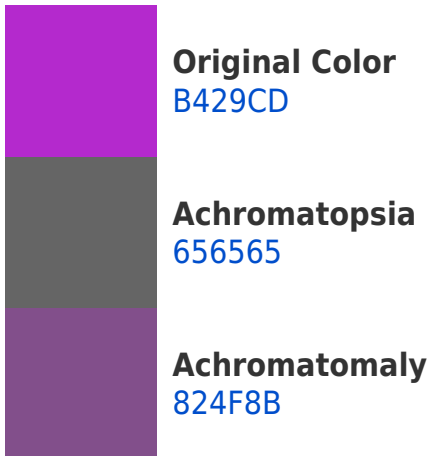


Tritanopia
A5575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B429CD 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 #B429CD looks like.

```
.text, #text, p{  
    color:#B429CD  
}
```

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 #B429CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B429CD
}
```

Border

The CSS property to change the border of an element to Hex B429CD 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".

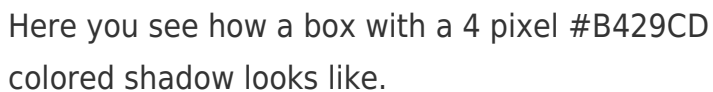
```
.border, #border, table{ border:4px solid
#B429CD }
```

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

```
.border{ border-color:#B429CD }
```

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

Here you see how a box with a 4 pixel #B429CD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B429CD; -webkit-box-shadow:4px 4px  
4px 4px #B429CD; box-shadow:4px 4px 4px  
4px #B429CD }
```

Background

The CSS property to change the background color of an element to Hex B429CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B429CD }
```

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

```
.background{ background-color:#B429CD }
```

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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