

Converting Colors

Hex(B429DE)

Have a look what the booklet for
Hex(B429DE) contains.

| | |
|--|----|
| Hex(B429DE) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(B429DE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B429DE |
| RGB | 180, 41, 222 |
| RGB Percent | 71%, 16%, 87% |
| CMY | 0.2941, 0.8392, 0.1294 |
| CMYK | 0.19, 0.82, 0.00, 0.13 |
| HSL | 286°, 73%, 52% |
| HSV | 286°, 82%, 87% |
| XYZ | 32.8001, 16.5631, 70.5755 |
| YIQ | 103.1950, 24.7430, 85.7590 |

Conversions

Conversions Part 2

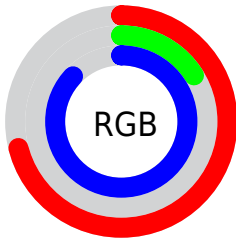
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 180, 41, 222 |
| Decimal | 11807198 |
| CIE Lab | 47.70, 76.12, -63.25 |
| CIE LCh | 48, 98.970, 320.276 |
| Yxy | 16.5631, 0.2735, 0.1381 |
| Android (android.graphics.Color) | 4289997278 (0xFFB429DE) |
| YUV | 103.1950, 58.5709, 67.3580 |
| Hunter-Lab | 40.6978, 72.6399, -74.3284 |

Details

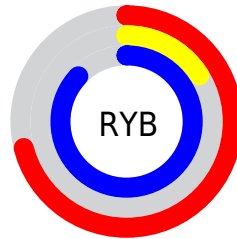
The Hex color **B429DE** is a dark color, and the websafe version is hex **9900CC**. The color can be described as middle washed purple. A complement of this color would be **53DE29**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F069FF**, and **7A00A6** is the 20% darker color. If you saturate the color by 10%, you get **AF13DE**, and if you desaturate by 10%, it is **B93FDE**.

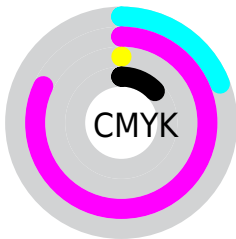
Distribution



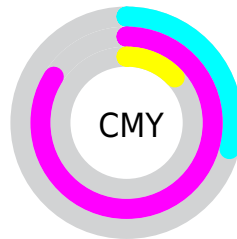
- Red (71%)
- Green (16%)
- Blue (87%)



- Red (71%)
- Yellow (16%)
- Blue (87%)



- Cyan (19%)
- Magenta (82%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color B429DE 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 B429DE by changing the saturation by 10% instead.

 B429DE

 B429DE

FFFFFF

 9700C2

 F069FF

 7A00A6

 FF86FF

 5D008B

 FFA3FF

 3F0070

 FFC0FF

 220057


 FFDEFF

 00003E

 FFFCFF

 000327

 000111

 000000

 B429DE

 B429DE

 AF13DE

 B93FDE

 AA00DE

 BE55DE

 C36CDE

 C982DE

 CE98DE

 D3AEDE

 D8C4DE

 DDDDBDE

 E2F1DE

Harmonies

Analogous

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



0069FF



B429DE



F10090

Triad

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



B429DE



A16400



0091AA

Complementary

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



B429DE



53DE29

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.



008F52



B429DE



537E00

Square

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



B429DE



D92E00



008A00



0090F3

Rectangle

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



B429DE



FB0059



008A00



00918D

Sweetspot

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



B429DE



F1C2FF



2953DE



775B80



000000



808080

Same Dimension

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



B429DE



C505FF



DE29AE



6E6570



8700B0



250030

Inverse Universe

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



DE2953



FF053F



29DE59



706568



B00029



30000B

Previews

White Background



This preview shows how the Hex color B429DE 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

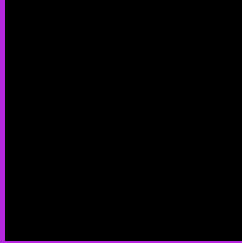
Any Text WCAG AA × Fail

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 B429DE Background



This preview shows how black text looks on a background with the Hex color B429DE.

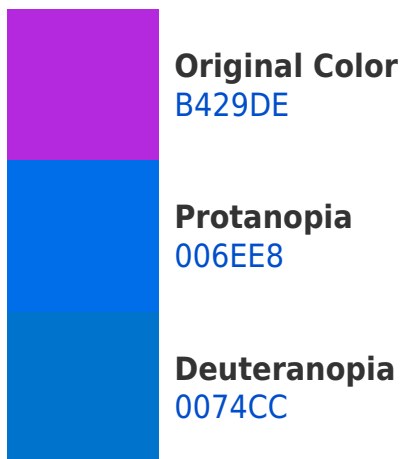



This preview shows how white text looks on a background with the Hex color B429DE.

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
A35D64

Trichromacy



Original Color
B429DE



Protanomaly
4155E4



Deuteranomaly
4159D3



Tritanomaly
A94A90

Monochromacy



Original Color
B429DE



Achromatopsia
676767



Achromatomaly
835092

CSS Examples

Text

The CSS property to change the color of the text to Hex B429DE 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 #B429DE looks like.

```
.text, #text, p{  
    color:#B429DE  
}
```

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 #B429DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B429DE
}
```

Border

The CSS property to change the border of an element to Hex B429DE 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
#B429DE }
```

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

```
.border{ border-color:#B429DE }
```

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

Here you see how a box with a 4 pixel #B429DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B429DE; -webkit-box-shadow:4px 4px  
4px 4px #B429DE; box-shadow:4px 4px 4px  
4px #B429DE }
```

Background

The CSS property to change the background color of an element to Hex B429DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B429DE }
```

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

```
.background{ background-color:#B429DE }
```

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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