

Converting Colors

Hex(B430CA)

Have a look what the booklet for
Hex(B430CA) contains.

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Color

Hex(B430CA)

Conversions

Conversions Part 1

Format	Color
Hex	B430CA
RGB	180, 48, 202
RGB Percent	71%, 19%, 79%
CMY	0.2941, 0.8118, 0.2078
CMYK	0.11, 0.76, 0.00, 0.21
HSL	291°, 62%, 49%
HSV	291°, 76%, 79%
XYZ	30.5400, 16.0815, 57.3715
YIQ	105.0240, 29.2380, 75.8780

Conversions

Conversions Part 2

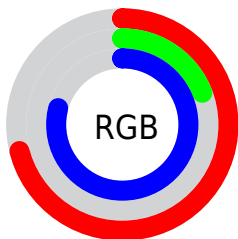
Format	Color
R_{YB}	180, 48, 202
Decimal	11808970
CIE _{Lab}	47.08, 70.56, -52.78
CIE _{LCh}	47, 88.116, 323.205
Yxy	16.0815, 0.2937, 0.1546
Android (android.graphics.Color)	4289999050 (0xFFB430CA)
YUV	105.0240, 47.8092, 65.7540
Hunter-Lab	40.1017, 65.7612, -56.7520

Details

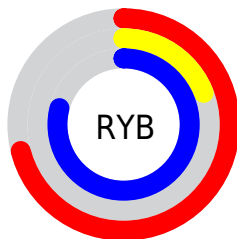
The Hex color **B430CA** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted purple. A complement of this color would be **46CA30**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **EF6CFF**, and **7B0093** is the 20% darker color. If you saturate the color by 10%, you get **B11CCA**, and if you desaturate by 10%, it is **B744CA**.

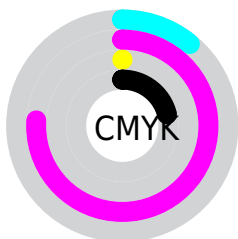
Distribution



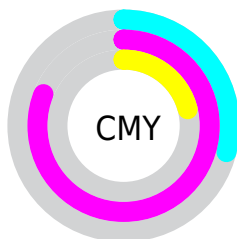
- Red (71%)
- Green (19%)
- Blue (79%)



- Red (71%)
- Yellow (19%)
- Blue (79%)



- Cyan (11%)
- Magenta (76%)
- Yellow (0%)
- Black (21%)



- Cyan (29%)
- Magenta (81%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color B430CA 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 B430CA by changing the saturation by 10% instead.

 B430CA

 B430CA

FFFFFF

 9700AE

 EF6CFF

 7B0093

 FF89FF

 5E0079

 FFA6FF

 42005F

 FFC3FF

 280047

 FFE0FF

 00002F

FFFEFF

 000119

 000000

 B430CA

 B430CA

 B11CCA

 B744CA

 AE08CA

 BA58CA

 AD00CA

 BD6DCA

 C081CA

 C295CA

 C5A9CA

 C8BDCA

 CBD2CA

 CEE6CA

Harmonies

Analogous

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



0064FB



B430CA



E50084

Triad

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



B430CA



976700



008DA9

Complementary

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



B430CA



46CA30

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.



008C5C



B430CA



517D00

Square

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



B430CA



CA3F00



008700



008BE7

Rectangle

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



B430CA



EB0053



008700



008D90

Sweetspot

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



B430CA



F7C4FF



3047CA



7A5C80



000000



808080

Same Dimension

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



B430CA



DE17FF



CA3094



655C66



8E00A6



210026

Inverse Universe

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



CA3046



FF1738



30CA66



665C5D



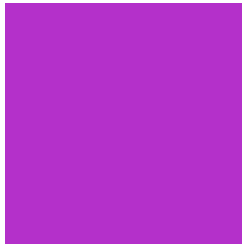
A60018



260005

Previews

White Background



This preview shows how the Hex color B430CA looks on a white background.

Color Contrast Check

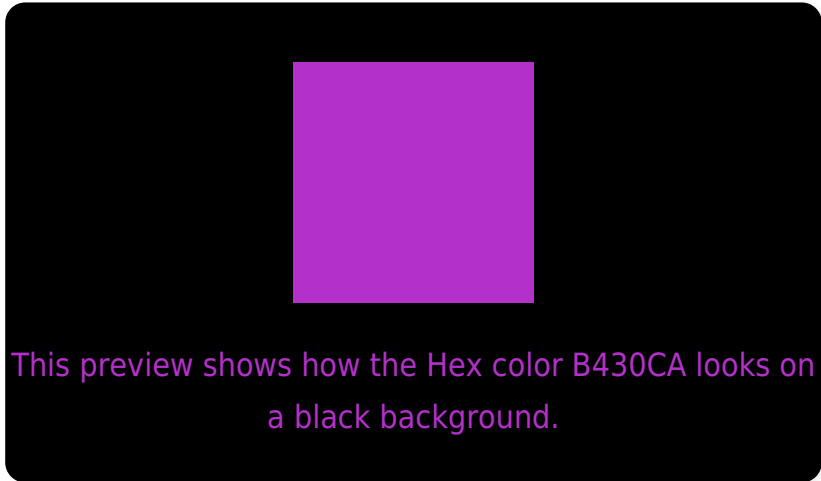
Large Text (above 18pt) WCAG AA ✓ Pass

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 B430CA Background



This preview shows how black text looks on a background with the Hex color B430CA.

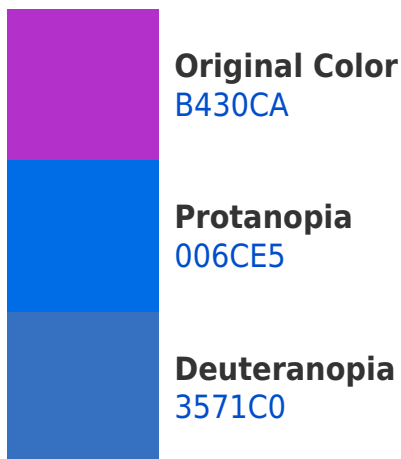



This preview shows how white text looks on a background with the Hex color B430CA.

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](#).

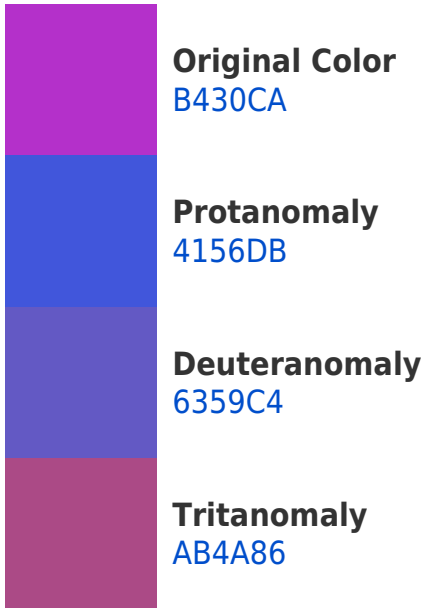
Dichromacy



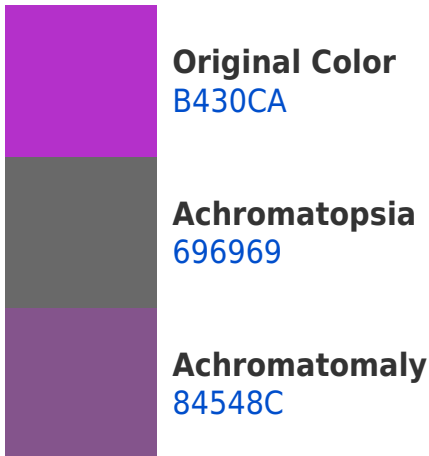


Tritanopia
A6595F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B430CA 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 #B430CA looks like.

```
.text, #text, p{  
    color:#B430CA  
}
```

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 #B430CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B430CA
}
```

Border

The CSS property to change the border of an element to Hex B430CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

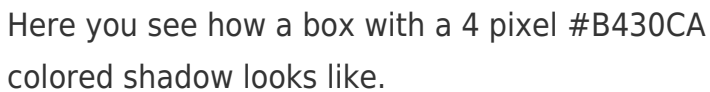
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B430CA }
```

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

```
.border{ border-color:#B430CA }
```

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



Here you see how a box with a 4 pixel #B430CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B430CA; -webkit-box-shadow:4px 4px  
4px 4px #B430CA; box-shadow:4px 4px 4px  
4px #B430CA }
```

Background

The CSS property to change the background color of an element to Hex B430CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B430CA }
```

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

```
.background{ background-color:#B430CA }
```

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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