

Converting Colors

Hex(4B1CDA)

Have a look what the booklet for
Hex(4B1CDA) contains.

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Color

Hex(4B1CDA)

Conversions

Conversions Part 1

Format	Color
Hex	4B1CDA
RGB	75, 28, 218
RGB Percent	29%, 11%, 85%
CMY	0.7059, 0.8902, 0.1451
CMYK	0.66, 0.87, 0.00, 0.15
HSL	255°, 77%, 48%
HSV	255°, 87%, 85%
XYZ	15.9718, 7.3883, 66.9139
YIQ	63.7130, -32.9780, 69.0540

Conversions

Conversions Part 2

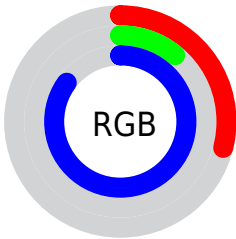
Format	Color
R_{YB}	75, 28, 218
Decimal	4922586
CIE Lab	32.68, 66.11, -86.12
CIE LCh	33, 108.565, 307.512
Yxy	7.3883, 0.1769, 0.0818
Android (android.graphics.Color)	4283112666 (0xFF4B1CDA)
YUV	63.7130, 76.0635, 9.8987
Hunter-Lab	27.1815, 57.3188, -126.9301

Details

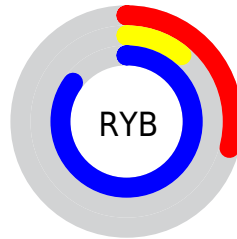
The Hex color **4B1CDA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ABDA1C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8E54FF**, and **0000A1** is the 20% darker color. If you saturate the color by 10%, you get **3B06DA**, and if you desaturate by 10%, it is **5B32DA**.

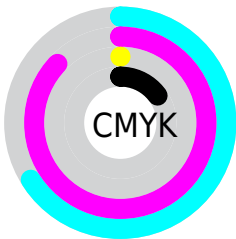
Distribution



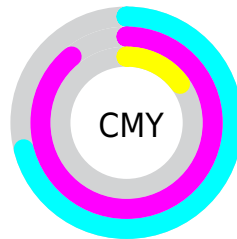
- Red (29%)
- Green (11%)
- Blue (85%)



- Red (29%)
- Yellow (11%)
- Blue (85%)



- Cyan (66%)
- Magenta (87%)
- Yellow (0%)
- Black (15%)



- Cyan (71%)
- Magenta (89%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B1CDA 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 4B1CDA by changing the saturation by 10% instead.

4B1CDA

4B1CDA

FFFFFF

1C00BD

8E54FF

0000A1

AD6EFF

000086

CD89FF

00006C

ECA5FF

000B52

FFC1FF

00053A

FFDEFF

000224

FFFBFF

00000B

000000

■ 4B1CDA

■ 4B1CDA

■ 3B06DA

■ 5B32DA

■ 3600DA

■ 6C48DA

■ 7C5DDA

■ 8D73DA

■ 9D89DA

■ AD9FDA

■ BEB5DA

■ CECADA

■ DFE0DA

Harmonies

Analogous

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



0057FF



4B1CDA



B90091

Triad

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



4B1CDA



902800



006762

Complementary

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



4B1CDA



ABDA1C

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.



006500



4B1CDA



4B5200

Square

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



4B1CDA



C00000



006000



006AB7

Rectangle

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



4B1CDA



D00059



006000



006643

Sweetspot

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



4B1CDA



CDBDFF



1CAEDA



625880



000000



808080

Same Dimension

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



4B1CDA



3F00FF



A71CDA



65636E



2B00AD



0B002E

Inverse Universe

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



DA1CAB



FF00C0



4FDA1C



6E636B



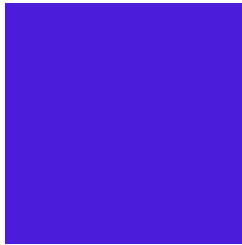
AD0083



2E0023

Previews

White Background



This preview shows how the Hex color 4B1CDA looks on a white background.

Color Contrast Check

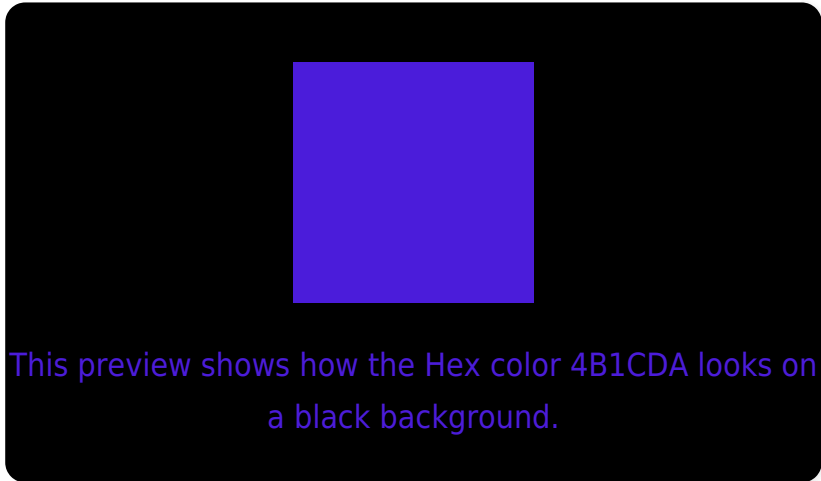
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

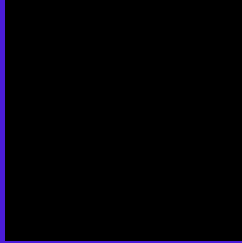
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4B1CDA Background



This preview shows how black text looks on a background with the Hex color 4B1CDA.



This preview shows how white text looks on a background with the Hex color 4B1CDA.

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



Original Color
4B1CDA

Protanopia
004A9C

Deuteranopia
004F85



Tritanopia
00555B

Trichromacy



Original Color
4B1CDA

Protanomaly
1B39B3

Deuteranomaly
1B3CA4

Tritanomaly
1B4089

Monochromacy



Original Color
4B1CDA

Achromatopsia
404040

Achromatomaly
443378

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B1CDA 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 #4B1CDA looks like.

```
.text, #text, p{  
    color:#4B1CDA  
}
```

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 #4B1CDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B1CDA
}
```

Border

The CSS property to change the border of an element to Hex 4B1CDA 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
#4B1CDA }
```

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

```
.border{ border-color:#4B1CDA }
```

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

Here you see how a box with a 4 pixel #4B1CDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B1CDA; -webkit-box-shadow:4px 4px  
4px 4px #4B1CDA; box-shadow:4px 4px 4px  
4px #4B1CDA }
```

Background

The CSS property to change the background color of an element to Hex 4B1CDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B1CDA }
```

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

```
.background{ background-color:#4B1CDA }
```

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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