

Converting Colors

Hex(431AB2)

Have a look what the booklet for
Hex(431AB2) contains.

Hex(431AB2)	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>	28

Color

Hex(431AB2)

Conversions

Conversions Part 1

Format	Color
Hex	431AB2
RGB	67, 26, 178
RGB Percent	26%, 10%, 70%
CMY	0.7373, 0.8980, 0.3020
CMYK	0.62, 0.85, 0.00, 0.30
HSL	256°, 75%, 40%
HSV	256°, 85%, 70%
XYZ	10.7200, 5.1464, 42.5478
YIQ	55.5870, -24.3560, 55.9640

Conversions

Conversions Part 2

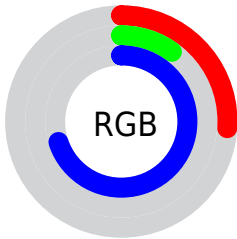
Format	Color
R _{YB}	67, 26, 178
Decimal	4397746
CIE Lab	27.15, 55.59, -71.83
CIE LCh	27, 90.828, 307.741
Yxy	5.1464, 0.1835, 0.0881
Android (android.graphics.Color)	4282587826 (0xFF431AB2)
YUV	55.5870, 60.3496, 10.0092
Hunter-Lab	22.6858, 44.6490, -95.3202

Details

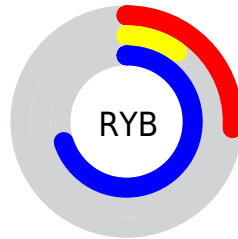
The Hex color **431AB2** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **89B21A**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **814EEB**, and **00007C** is the 20% darker color. If you saturate the color by 10%, you get **3608B2**, and if you desaturate by 10%, it is **502CB2**.

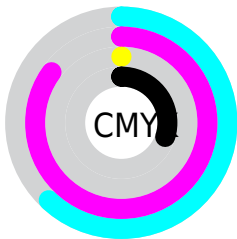
Distribution



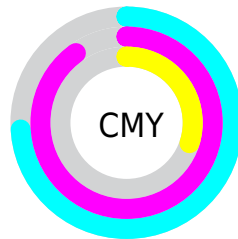
- Red (26%)
- Green (10%)
- Blue (70%)



- Red (26%)
- Yellow (10%)
- Blue (70%)



- Cyan (62%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)



- Cyan (74%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431AB2 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 431AB2 by changing the saturation by 10% instead.

■ 431AB2

■ 431AB2

FFFFFF

■ 1B0096

■ 814EEB

■ 00007C

■ 9F68FF

■ 000062

■ BD82FF

■ 000849

■ DB9DFF

■ 000431

■ F9B9FF

■ 00011B

■ FFD5FF

■ 000000

■ FFF2FF

■ 431AB2

■ 431AB2

■ 3608B2

■ 502CB2

■ 3000B2

■ 5D3EB2

■ 6A4FB2

■ 7761B2

■ 8473B2

■ 9185B2

■ 9E97B2

■ ABA8B2

■ B8BAB2

Harmonies

Analogous

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



0048D0



431AB2



990077

Triad

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



431AB2



772400



005652

Complementary

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



431AB2



89B21A

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.



005400



431AB2



3F4400

Square

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



431AB2



9E0000



005000



005896

Rectangle

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



431AB2



AC0049



005000



005639

Sweetspot

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



431AB2



BCACE8



1A89B2



5B5175



F5F5F5



757575

Same Dimension

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



431AB2



3F00E8



8F1AB2



535059



290099



07001A

Inverse Universe

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



B21A89



E800A9



3DB21A



595057



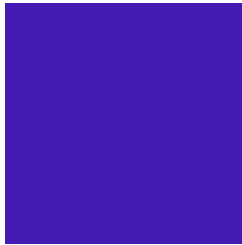
990070



1A0013

Previews

White Background



This preview shows how the Hex color 431AB2 looks on a white background.

Color Contrast Check

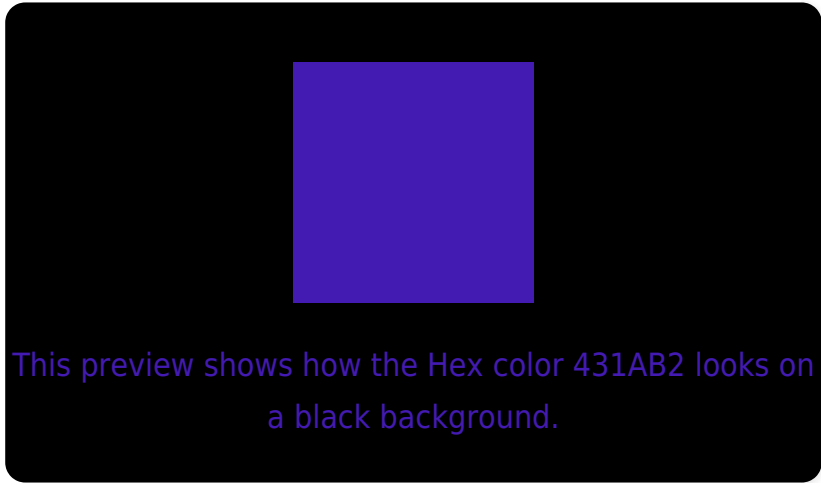
Large Text (above 18pt) WCAG AA ✓ Pass

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

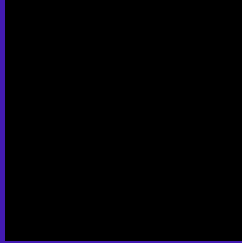
Any Text WCAG AA × Fail

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 431AB2 Background



This preview shows how black text looks on a background with the Hex color 431AB2.

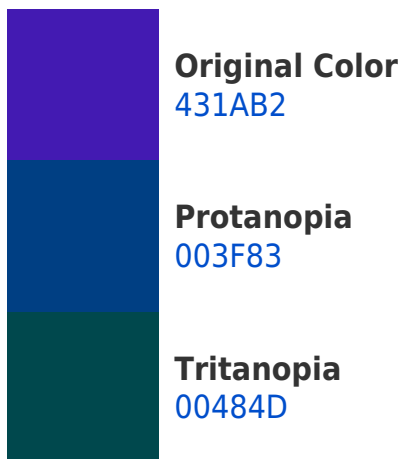


This preview shows how white text looks on a background with the Hex color 431AB2.

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



Trichromacy



Original Color
431AB2

Protanomaly
183294

Tritanomaly
183772

Monochromacy



Original Color
431AB2

Achromatopsia
383838

Achromatomaly
3C2D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 431AB2 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 #431AB2 looks like.

```
.text, #text, p{  
    color:#431AB2  
}
```

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 #431AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431AB2
}
```

Border

The CSS property to change the border of an element to Hex 431AB2 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
#431AB2 }
```

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

```
.border{ border-color:#431AB2 }
```

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

Here you see how a box with a 4 pixel #431AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431AB2; -webkit-box-shadow:4px 4px  
4px 4px #431AB2; box-shadow:4px 4px 4px  
4px #431AB2 }
```

Background

The CSS property to change the background color of an element to Hex 431AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431AB2 }
```

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

```
.background{ background-color:#431AB2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor