

Converting Colors

Hex(431EC1)

Have a look what the booklet for
Hex(431EC1) contains.

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Color

Hex(431EC1)

Conversions

Conversions Part 1

Format	Color
Hex	431EC1
RGB	67, 30, 193
RGB Percent	26%, 12%, 76%
CMY	0.7373, 0.8824, 0.2431
CMYK	0.65, 0.84, 0.00, 0.24
HSL	254°, 73%, 44%
HSV	254°, 84%, 76%
XYZ	12.4047, 5.9721, 50.9510
YIQ	59.6450, -30.2710, 58.5370

Conversions

Conversions Part 2

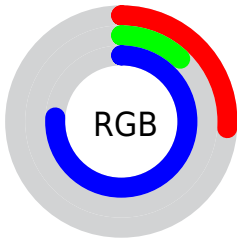
Format	Color
R _{YB}	67, 30, 193
Decimal	4398785
CIE Lab	29.34, 58.18, -77.10
CIE LCh	29, 96.587, 307.040
Yxy	5.9721, 0.1789, 0.0861
Android (android.graphics.Color)	4282588865 (0xFF431EC1)
YUV	59.6450, 65.7440, 6.4503
Hunter-Lab	24.4379, 47.8403, -106.5084

Details

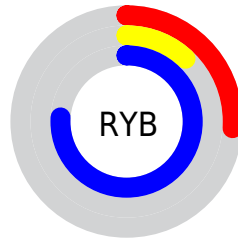
The Hex color **431EC1** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **9CC11E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8352FB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **340BC1**, and if you desaturate by 10%, it is **5231C1**.

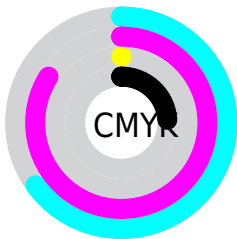
Distribution



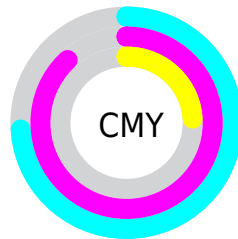
- Red (26%)
- Green (12%)
- Blue (76%)



- Red (26%)
- Yellow (12%)
- Blue (76%)



- Cyan (65%)
- Magenta (84%)
- Yellow (0%)
- Black (24%)



- Cyan (74%)
- Magenta (88%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431EC1 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 431EC1 by changing the saturation by 10% instead.

431EC1

431EC1

FFFFFF

1600A5

8352FB

00008A

A26CFF

000070

C087FF

000256

DFA2FF

00063D

FDBEFF

000327

FFDAFF

000110

FFF7FF

000000

431EC1

431EC1

■ 340BC1

■ 5231C1

■ 2C00C1

■ 6145C1

■ 7058C1

■ 7F6BC1

■ 8E7EC1

■ 9D92C1

■ ABA5C1

■ BAB8C1

■ C9CCC1

Harmonies

Analogous

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



004EE1



431EC1



A40081

Triad

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



431EC1



812500



005D56

Complementary

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



431EC1



9CC11E

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.



005B00



431EC1



464900

Square

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



431EC1



AB0000



005600



005FA0

Rectangle

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



431EC1



B80050



005600



005C3C

Sweetspot

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



431EC1



CABBFA



1E9EC1



60577D



FCFCFC



7D7D7D

Same Dimension

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



431EC1



3900FA



931EC1



595761



2400A1



080021

Inverse Universe

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



C11E9C



FA00C1



4CC11E



61575F



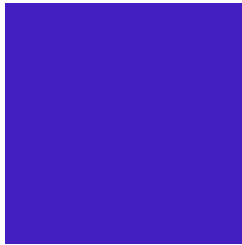
A1007C



21001A

Previews

White Background



This preview shows how the Hex color 431EC1 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

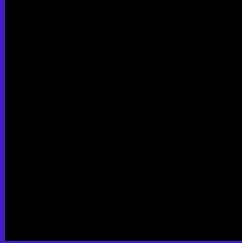
Any Text WCAG AA × Fail

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 431EC1 Background



This preview shows how black text looks on a background with the Hex color 431EC1.

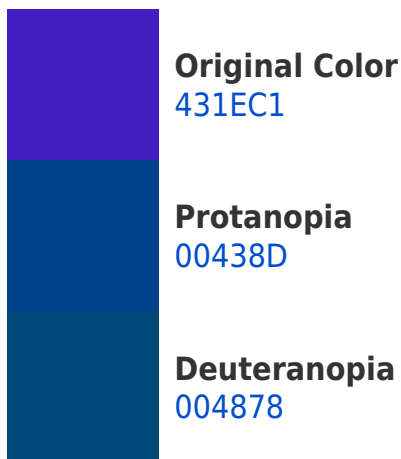


This preview shows how white text looks on a background with the Hex color 431EC1.

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
431EC1

Protanomaly
1836A0

Deuteranomaly
183993

Tritanomaly
183C7A

Monochromacy



Original Color
431EC1

Achromatopsia
3C3C3C

Achromatomaly
3F316C

CSS Examples

Text

The CSS property to change the color of the text to Hex 431EC1 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 #431EC1 looks like.

```
.text, #text, p{  
    color:#431EC1  
}
```

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 #431EC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431EC1
}
```

Border

The CSS property to change the border of an element to Hex 431EC1 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
#431EC1 }
```

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

```
.border{ border-color:#431EC1 }
```

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

Here you see how a box with a 4 pixel #431EC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431EC1; -webkit-box-shadow:4px 4px  
4px 4px #431EC1; box-shadow:4px 4px 4px  
4px #431EC1 }
```

Background

The CSS property to change the background color of an element to Hex 431EC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431EC1 }
```

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

```
.background{ background-color:#431EC1 }
```

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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