

Converting Colors

Hex(431AF8)

Have a look what the booklet for
Hex(431AF8) contains.

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Color

Hex(431AF8)

Conversions

Conversions Part 1

Format	Color
Hex	431AF8
RGB	67, 26, 248
RGB Percent	26%, 10%, 97%
CMY	0.7373, 0.8980, 0.0275
CMYK	0.73, 0.90, 0.00, 0.03
HSL	251°, 94%, 54%
HSV	251°, 90%, 97%
XYZ	19.6274, 8.7094, 89.4535
YIQ	63.5670, -46.8260, 77.7340

Conversions

Conversions Part 2

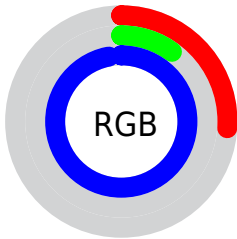
Format	Color
R _{YB}	67, 26, 248
Decimal	4397816
CIE Lab	35.42, 73.90, -98.66
CIE LCh	35, 123.274, 306.835
Yxy	8.7094, 0.1666, 0.0739
Android (android.graphics.Color)	4282587896 (0xFF431AF8)
YUV	63.5670, 90.9255, 3.0107
Hunter-Lab	29.5117, 67.0700, -159.0571

Details

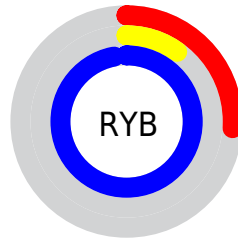
The Hex color **431AF8** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **CFF81A**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8E54FF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **2F01F8**, and if you desaturate by 10%, it is **5733F8**.

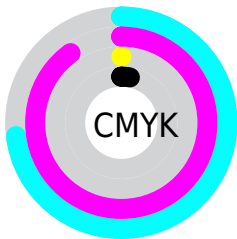
Distribution



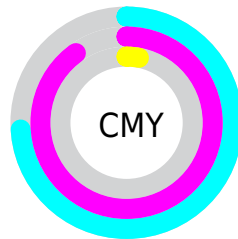
- Red (26%)
- Green (10%)
- Blue (97%)



- Red (26%)
- Yellow (10%)
- Blue (97%)



- Cyan (73%)
- Magenta (90%)
- Yellow (0%)
- Black (3%)



- Cyan (74%)
- Magenta (90%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431AF8 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 431AF8 by changing the saturation by 10% instead.

 431AF8

 431AF8

FFFFFF

 0000DB

 8E54FF

 0000BE

 AF70FF

 0000A2

 D08BFF

 000086

 F0A7FF

 000B6C

 FFC3FF

 000B52

 FFE0FF

 00063A

FFFEFF

 000224

 00000B

■ 431AF8

■ 431AF8

■ 2F01F8

■ 5733F8

■ 2E00F8

■ 6B4CF8

■ 8064F8

■ 947DF8

■ A896F8

■ BCAFF8

■ D1C8F8

■ E5E0F8

■ F9F9F8

Harmonies

Analogous

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



0061FF



431AF8



CE00A4

Triad

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



431AF8



A02500



007069

Complementary

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



431AF8



CFF81A

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.



006D00



431AF8



525800

Square

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



431AF8



D60000



006800



0074CC

Rectangle

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



431AF8



E90063



006800



006F46

Sweetspot

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



431AF8



C7BAFF



1ACFF8



5E5780



000000



808080

Same Dimension

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



431AF8



2F00FF



B21AF8



73707D



2300BD



0B003D

Inverse Universe

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



F81ACF



FF00D0



60F81A



7D707B



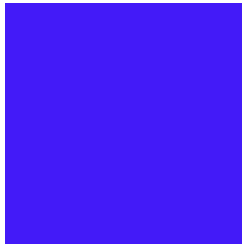
BD009A



3D0032

Previews

White Background



This preview shows how the Hex color 431AF8 looks on a white background.

Color Contrast Check

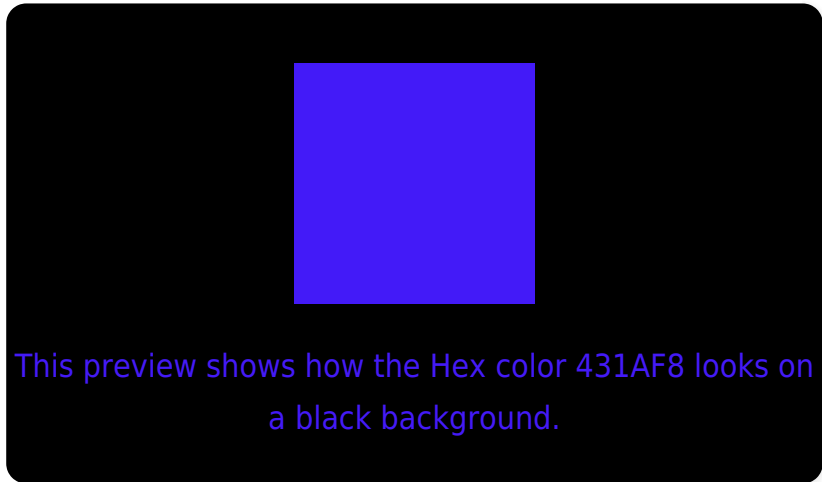
Large Text (above 18pt) WCAG AA ✓ Pass

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

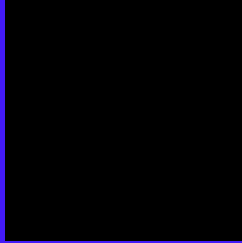
Any Text WCAG AA × Fail

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 431AF8 Background



This preview shows how black text looks on a background with the Hex color 431AF8.

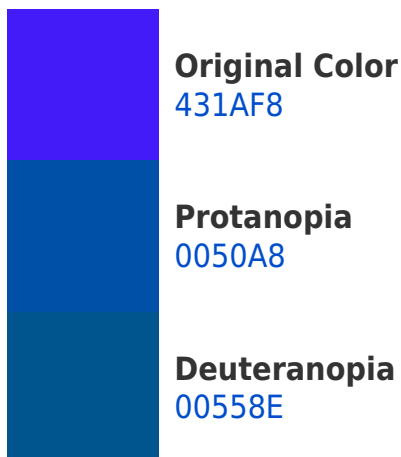



This preview shows how white text looks on a background with the Hex color 431AF8.

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
005C61

Trichromacy



Original Color
431AF8

Protanomaly
183CC5

Deuteranomaly
1840B5

Tritanomaly
184498

Monochromacy



Original Color
431AF8

Achromatopsia
404040

Achromatomaly
413283

CSS Examples

Text

The CSS property to change the color of the text to Hex 431AF8 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 #431AF8 looks like.

```
.text, #text, p{  
    color:#431AF8  
}
```

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 #431AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431AF8  
}
```

Border

The CSS property to change the border of an element to Hex 431AF8 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  
#431AF8 }
```

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

```
.border{ border-color:#431AF8 }
```

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

Here you see how a box with a 4 pixel #431AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431AF8; -webkit-box-shadow:4px 4px  
4px 4px #431AF8; box-shadow:4px 4px 4px  
4px #431AF8 }
```

Background

The CSS property to change the background color of an element to Hex 431AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431AF8 }
```

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

```
.background{ background-color:#431AF8 }
```

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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