

Converting Colors

Hex(431F99)

Have a look what the booklet for
Hex(431F99) contains.

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Color

Hex(431F99)

Conversions

Conversions Part 1

Format	Color
Hex	431F99
RGB	67, 31, 153
RGB Percent	26%, 12%, 60%
CMY	0.7373, 0.8784, 0.4000
CMYK	0.56, 0.80, 0.00, 0.40
HSL	258°, 66%, 36%
HSV	258°, 80%, 60%
XYZ	8.5545, 4.4732, 30.5495
YIQ	55.6720, -17.7060, 45.5740

Conversions

Conversions Part 2

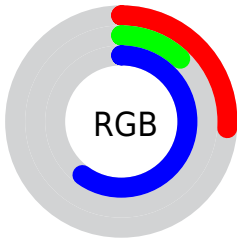
Format	Color
R_{YB}	67, 31, 153
Decimal	4399001
CIE _{Lab}	25.18, 46.58, -59.94
CIE _{LCh}	25, 75.909, 307.854
Yxy	4.4732, 0.1963, 0.1026
Android (android.graphics.Color)	4282589081 (0xFF431F99)
YUV	55.6720, 47.9827, 9.9347
Hunter-Lab	21.1499, 35.1857, -70.8354

Details

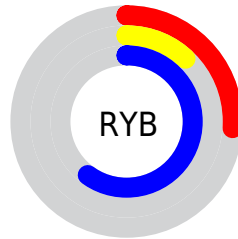
The Hex color **431F99** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **75991F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **7D50D0**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **381099**, and if you desaturate by 10%, it is **4E2E99**.

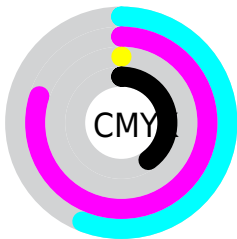
Distribution



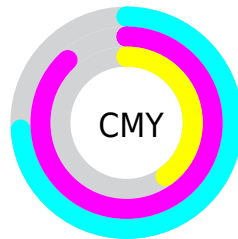
- Red (26%)
- Green (12%)
- Blue (60%)



- Red (26%)
- Yellow (12%)
- Blue (60%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (40%)



- Cyan (74%)
- Magenta (88%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431F99 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 431F99 by changing the saturation by 10% instead.



431F99



431F99

FFFFFF



23037E



7D50D0



000065



9969ED



00004C



B683FF



000434



D39EFF



00021E



F1BAFF



000000



FFD6FF



FFF2FF



431F99



431F99

■ 381099

■ 4E2E99

■ 2D0099

■ 593E99

■ 634D99

■ 6E5C99

■ 796B99

■ 847B99

■ 8E8A99

■ 999999

■ A4A999

Harmonies

Analogous

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



0041B2



431F99



860068

Triad

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



431F99



6B2600



004F4A

Complementary

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



431F99



75991F

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.



004E08



431F99



3D3F00

Square

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



431F99



8C0000



004900



005083

Rectangle

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



431F99



960043



004900



004F36

Sweetspot

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



431F99



A597C7



1F7699



4F4763



E3E3E3



636363

Same Dimension

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



431F99



4008C7



7F1F99



47454D



29008C



04000D

Inverse Universe

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



991F75



C7088F



39991F



4D454A



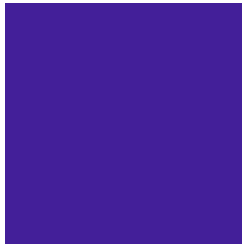
8C0063



0D0009

Previews

White Background



This preview shows how the Hex color 431F99 looks on a white background.

Color Contrast Check

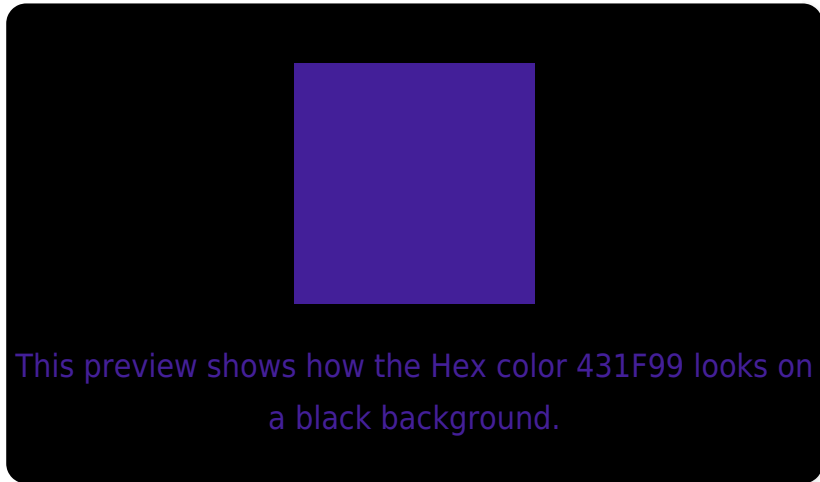
Large Text (above 18pt) WCAG AA ✓ Pass

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

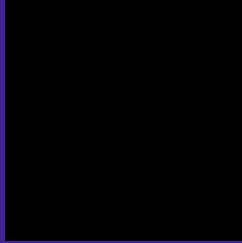
Any Text WCAG AA × Fail

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 431F99 Background



This preview shows how black text looks on a background with the Hex color 431F99.



This preview shows how white text looks on a background with the Hex color 431F99.

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](#).

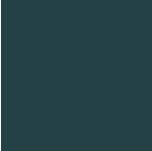
Dichromacy



Original Color
431F99

Protanopia
003A7B

Deuteranopia
003E69



Tritanopia
244146

Trichromacy



Original Color
431F99

Protanomaly
183086

Deuteranomaly
18337A

Tritanomaly
2F3564

Monochromacy



Original Color
431F99

Achromatopsia
383838

Achromatomaly
3C2F5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 431F99 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 #431F99 looks like.

```
.text, #text, p{  
    color:#431F99  
}
```

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 #431F99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431F99
}
```

Border

The CSS property to change the border of an element to Hex 431F99 is called "border". The border property can be set on classes, ids or directly on the HTML element.

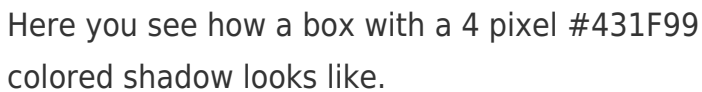
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#431F99 }
```

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

```
.border{ border-color:#431F99 }
```

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



Here you see how a box with a 4 pixel #431F99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431F99; -webkit-box-shadow:4px 4px  
4px 4px #431F99; box-shadow:4px 4px 4px  
4px #431F99 }
```

Background

The CSS property to change the background color of an element to Hex 431F99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431F99 }
```

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

```
.background{ background-color:#431F99 }
```

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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