

Converting Colors

Hex(431A91)

Have a look what the booklet for
Hex(431A91) contains.

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Color

Hex(431A91)

Conversions

Conversions Part 1

Format	Color
Hex	431A91
RGB	67, 26, 145
RGB Percent	26%, 10%, 57%
CMY	0.7373, 0.8980, 0.4314
CMYK	0.54, 0.82, 0.00, 0.43
HSL	261°, 70%, 34%
HSV	261°, 82%, 57%
XYZ	7.7950, 3.9764, 27.1447
YIQ	51.8250, -13.7630, 45.7010

Conversions

Conversions Part 2

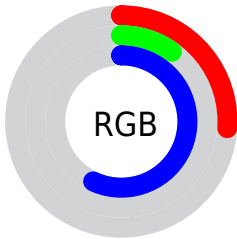
Format	Color
R _{YB}	67, 26, 145
Decimal	4397713
CIE Lab	23.59, 46.57, -57.61
CIE LCh	24, 74.081, 308.953
Yxy	3.9764, 0.2003, 0.1022
Android (android.graphics.Color)	4282587793 (0xFF431A91)
YUV	51.8250, 45.9353, 13.3085
Hunter-Lab	19.9409, 34.8794, -66.7502

Details

The Hex color **431A91** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **68911A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7C4CC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **390B91**, and if you desaturate by 10%, it is **4D2891**.

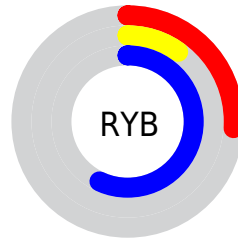
Distribution



Red (26%)

Green (10%)

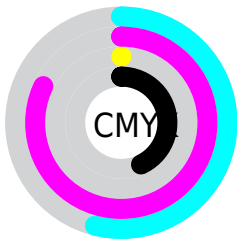
Blue (57%)



Red (26%)

Yellow (10%)

Blue (57%)

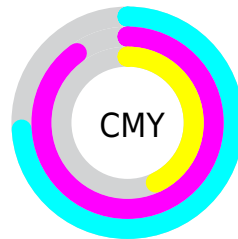


Cyan (54%)

Magenta (82%)

Yellow (0%)

Black (43%)



Cyan (74%)

Magenta (90%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 431A91 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 431A91 by changing the saturation by 10% instead.

■ 431A91

■ 431A91

FFFFFF

■ 240077

■ 7C4CC8

■ 00005D

■ 9865E4

■ 000045

■ B47FFF

■ 00032D

■ D29AFF

■ 000118

■ EFB5FF

■ 000000

■ FFD1FF

■ FFEEFF

■ 431A91

■ 431A91

■ 390B91

■ 4D2891

■ 320091

■ 563791

■ 604591

■ 695491

■ 736291

■ 7C7191

■ 867F91

■ 8F8E91

■ 999C91

Harmonies

Analogous

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



003DAA



431A91



810061

Triad

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



431A91



642400



004B48

Complementary

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



431A91



68911A

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.



004909



431A91



373C00

Square

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



431A91



840000



004600



004C7E

Rectangle

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



431A91



90003D



004600



004B35

Sweetspot

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



431A91



9E8EBD



1A6991



4C425E



DEDEDE



5E5E5E

Same Dimension

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



431A91



4304BD



7D1A91



434047



2F0087



030008

Inverse Universe

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



911A68



BD047D



2E911A



474045



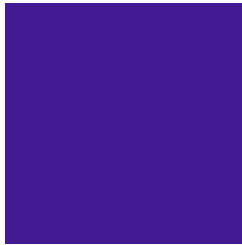
870059



080005

Previews

White Background



This preview shows how the Hex color 431A91 looks on a white background.

Color Contrast Check

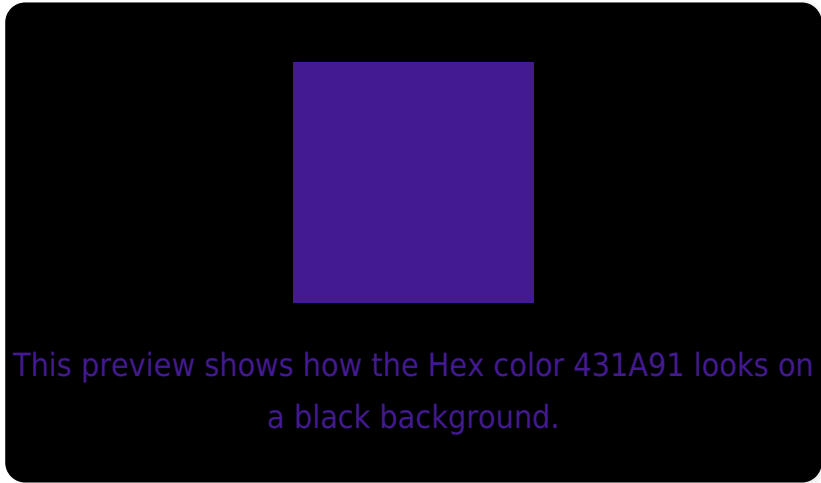
Large Text (above 18pt) WCAG AA ✓ Pass

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

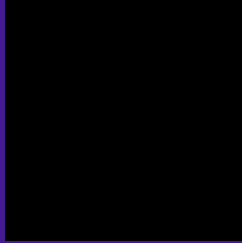
Any Text WCAG AA × Fail

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 431A91 Background



This preview shows how black text looks on a background with the Hex color 431A91.



This preview shows how white text looks on a background with the Hex color 431A91.

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
431A91

Protanopia
003774

Deuteranopia
003B63



Tritanopia
293C41

Trichromacy



Original Color
431A91

Protanomaly
182C7F

Deuteranomaly
182F74

Tritanomaly
32305E

Monochromacy



Original Color
431A91

Achromatopsia
343434

Achromatomaly
392B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 431A91 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 #431A91 looks like.

```
.text, #text, p{  
    color:#431A91  
}
```

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 #431A91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #431A91
}
```

Border

The CSS property to change the border of an element to Hex 431A91 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
#431A91 }
```

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

```
.border{ border-color:#431A91 }
```

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

Here you see how a box with a 4 pixel #431A91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #431A91; -webkit-box-shadow:4px 4px  
4px 4px #431A91; box-shadow:4px 4px 4px  
4px #431A91 }
```

Background

The CSS property to change the background color of an element to Hex 431A91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#431A91 }
```

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

```
.background{ background-color:#431A91 }
```

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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