

Converting Colors

Hex(430EC2)

Have a look what the booklet for
Hex(430EC2) contains.

Hex(430EC2)	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>	29

Color

Hex(430EC2)

Conversions

Conversions Part 1

Format	Color
Hex	430EC2
RGB	67, 14, 194
RGB Percent	26%, 5%, 76%
CMY	0.7373, 0.9451, 0.2392
CMYK	0.65, 0.93, 0.00, 0.24
HSL	258°, 87%, 41%
HSV	258°, 93%, 76%
XYZ	12.2094, 5.4024, 51.4382
YIQ	50.3670, -26.1920, 67.2160

Conversions

Conversions Part 2

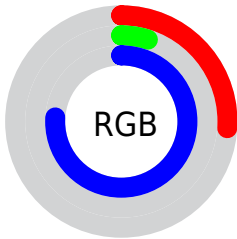
Format	Color
RYB	67, 14, 194
Decimal	4394690
CIELab	27.85, 63.27, -80.16
CIELCh	28, 102.119, 308.283
Yxy	5.4024, 0.1768, 0.0782
Android (android.graphics.Color)	4282584770 (0xFF430EC2)
YUV	50.3670, 70.8111, 14.5871
Hunter-Lab	23.2431, 53.0890, -114.9418

Details

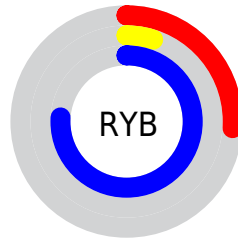
The Hex color **430EC2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **8DC20E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8449FC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **3900C2**, and if you desaturate by 10%, it is **5121C2**.

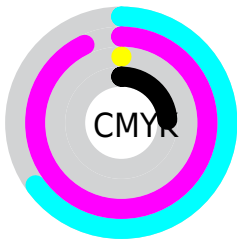
Distribution



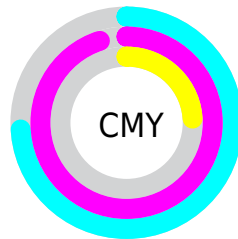
- Red (26%)
- Green (5%)
- Blue (76%)



- Red (26%)
- Yellow (5%)
- Blue (76%)



- Cyan (65%)
- Magenta (93%)
- Yellow (0%)
- Black (24%)



- Cyan (74%)
- Magenta (95%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 430EC2 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 430EC2 by changing the saturation by 10% instead.

■ 430EC2

■ 430EC2

FFFFFF

■ 1400A6

■ 8449FC

■ 00008B

■ A363FF

■ 000070

■ C27EFF

■ 000457

■ E099FF

■ 00063E

■ FF55FF

■ 000327

■ FFD1FF

■ 000111

■ FFE0FF

■ 000000

■ 430EC2

■ 430EC2

■ 3900C2

■ 5121C2

■ 5E35C2

■ 6C48C2

■ 7A5CC2

■ 876FC2

■ 9582C2

■ A396C2

■ B1A9C2

■ BEBDC2

Harmonies

Analogous

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



004BE5



430EC2



A6007E

Triad

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



430EC2



7D2100



005957

Complementary

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



430EC2



8DC20E

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.



005700



430EC2



3E4700

Square

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



430EC2



A90000



005300



005CA5

Rectangle

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



430EC2



BA004B



005300



00593B

Sweetspot

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



430EC2



CBB6FC



0E8FC2



615480



000000



808080

Same Dimension

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



430EC2



4A00FC



9B0EC2



5A5761



2F00A1



0A0021

Inverse Universe

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



C20E8D



FC00B2



35C20E



61575E



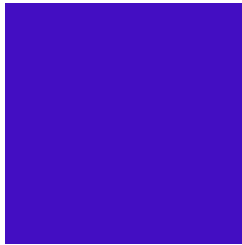
A10071



210017

Previews

White Background



This preview shows how the Hex color 430EC2 looks on a white background.

Color Contrast Check

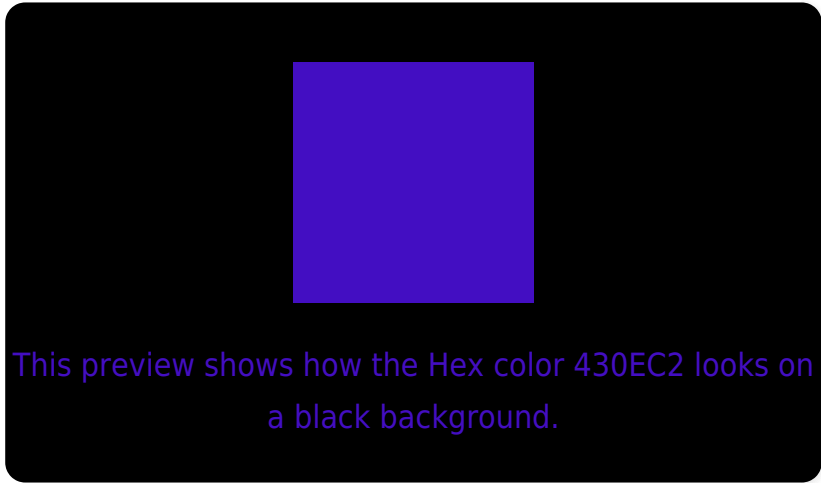
Large Text (above 18pt) WCAG AA ✓ Pass

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

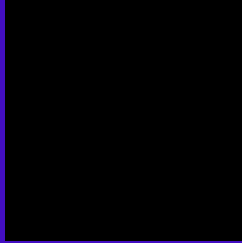
Any Text WCAG AA × Fail

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 430EC2 Background



This preview shows how black text looks on a background with the Hex color 430EC2.



This preview shows how white text looks on a background with the Hex color 430EC2.

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
430EC2

Protanopia
004087

Deuteranopia
004573



Tritanopia
004A4F

Trichromacy



Original Color
430EC2

Protanomaly
182E9C

Deuteranomaly
183190

Tritanomaly
183479

Monochromacy



Original Color
430EC2

Achromatopsia
323232

Achromatomaly
382566

CSS Examples

Text

The CSS property to change the color of the text to Hex 430EC2 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 #430EC2 looks like.

```
.text, #text, p{  
    color:#430EC2  
}
```

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 #430EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #430EC2
}
```

Border

The CSS property to change the border of an element to Hex 430EC2 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".

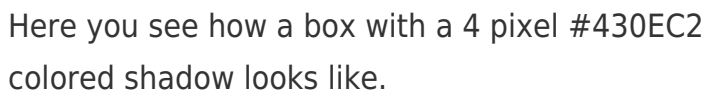
```
.border, #border, table{ border:4px solid
#430EC2 }
```

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

```
.border{ border-color:#430EC2 }
```

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

Here you see how a box with a 4 pixel #430EC2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #430EC2; -webkit-box-shadow:4px 4px  
4px 4px #430EC2; box-shadow:4px 4px 4px  
4px #430EC2 }
```

Background

The CSS property to change the background color of an element to Hex 430EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#430EC2 }
```

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

```
.background{ background-color:#430EC2 }
```

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