

Converting Colors

Hex(430D6A)

Have a look what the booklet for
Hex(430D6A) contains.

Hex(430D6A)	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(430D6A)

Conversions

Conversions Part 1

Format	Color
Hex	430D6A
RGB	67, 13, 106
RGB Percent	26%, 5%, 42%
CMY	0.7373, 0.9490, 0.5843
CMYK	0.37, 0.88, 0.00, 0.58
HSL	275°, 78%, 23%
HSV	275°, 88%, 42%
XYZ	5.0602, 2.5217, 13.8557
YIQ	39.7480, 2.3310, 40.3710

Conversions

Conversions Part 2

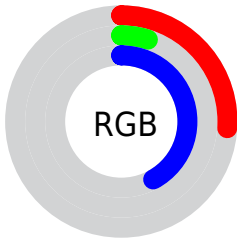
Format	Color
R_{YB}	67, 13, 106
Decimal	4394346
CIE _{Lab}	18.02, 41.47, -41.95
CIE _{LCh}	18, 58.988, 314.673
Yxy	2.5217, 0.2360, 0.1176
Android (android.graphics.Color)	4282584426 (0xFF430D6A)
YUV	39.7480, 32.6622, 23.9000
Hunter-Lab	15.8800, 29.0892, -40.6160

Details

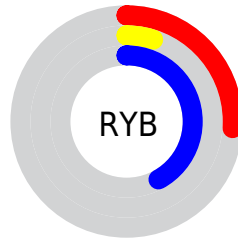
The Hex color **430D6A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **346A0D**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **77409E**, and **13003A** is the 20% darker color. If you saturate the color by 10%, you get **3F026A**, and if you desaturate by 10%, it is **47186A**.

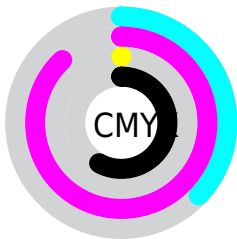
Distribution



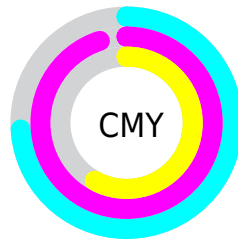
- Red (26%)
- Green (5%)
- Blue (42%)



- Red (26%)
- Yellow (5%)
- Blue (42%)



- Cyan (37%)
- Magenta (88%)
- Yellow (0%)
- Black (58%)



- Cyan (74%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 430D6A 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 430D6A by changing the saturation by 10% instead.

 430D6A

 430D6A

 FFFDFF

 290051

 77409E

 13003A

 9359B9

 000223

 AE72D5

 00000A

 CA8DF2

 000000

 E7A8FF

 FFC3FF

 FFE0FF

 430D6A

 430D6A

■ 3F026A

■ 47186A

■ 3E006A

■ 4C226A

■ 502D6A

■ 55376A

■ 59426A

■ 5E4D6A

■ 62576A

■ 67626A

■ 6B6C6A

Harmonies

Analogous

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



002C81



430D6A



690044

Triad

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



430D6A



492200



003C41

Complementary

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



430D6A



346A0D

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.



003A13



430D6A



243100

Square

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



430D6A



640000



003700



003C68

Rectangle

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



430D6A



710028



003700



003B32

Sweetspot

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



430D6A



7B668A



0D356A



3C3045



C4C4C4



454545

Same Dimension

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



430D6A



50008A



6A0D64



333036



440075



8E00F5

Inverse Universe

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



6A0D34



8A003A



0D6A13



363032



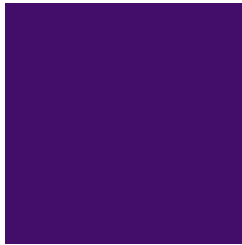
750031



F50067

Previews

White Background



This preview shows how the Hex color 430D6A looks on a white background.

Color Contrast Check

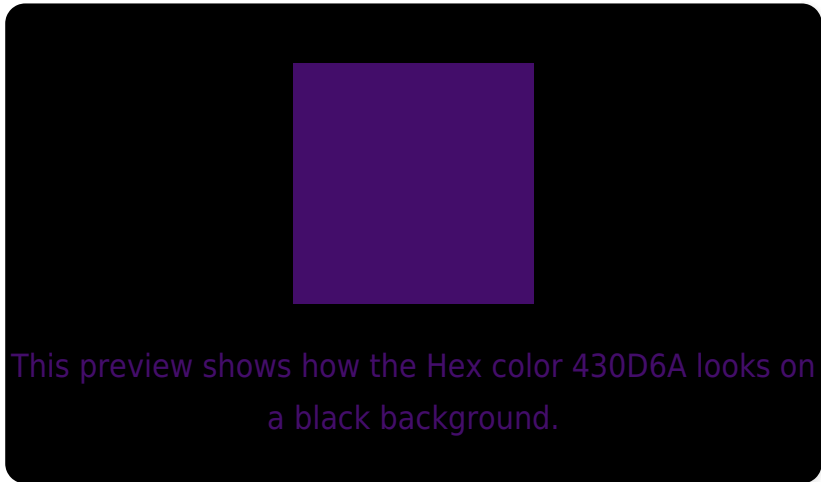
Large Text (above 18pt) WCAG AA ✓ Pass

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

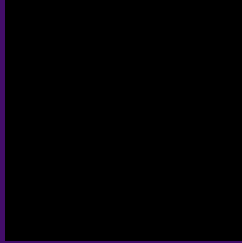
Any Text WCAG AA × Fail

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 430D6A Background



This preview shows how black text looks on a background with the Hex color 430D6A.



This preview shows how white text looks on a background with the Hex color 430D6A.

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
430D6A

Protanopia
002D5E

Deuteranopia
002F51



Tritanopia
372B2E

Trichromacy



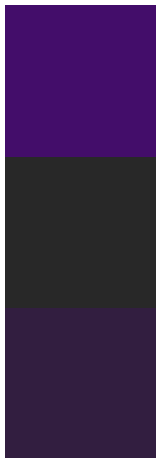
Original Color
430D6A

Protanomaly
182162

Deuteranomaly
18235A

Tritanomaly
3B2044

Monochromacy



Original Color
430D6A

Achromatopsia
282828

Achromatomaly
321E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 430D6A 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 #430D6A looks like.

```
.text, #text, p{  
    color:#430D6A  
}
```

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 #430D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #430D6A
}
```

Border

The CSS property to change the border of an element to Hex 430D6A 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
#430D6A }
```

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

```
.border{ border-color:#430D6A }
```

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

Here you see how a box with a 4 pixel #430D6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #430D6A; -webkit-box-shadow:4px 4px  
4px 4px #430D6A; box-shadow:4px 4px 4px  
4px #430D6A }
```

Background

The CSS property to change the background color of an element to Hex 430D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#430D6A }
```

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

```
.background{ background-color:#430D6A }
```

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