

# Converting Colors

Hex(430021)

Have a look what the booklet for  
Hex(430021) contains.

<b>Hex(430021)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(430021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	430021
RGB	67, 0, 33
RGB Percent	26%, 0%, 13%
CMY	0.7373, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.51, 0.74
HSL	330°, 100%, 13%
HSV	330°, 100%, 26%
XYZ	2.5893, 1.3031, 1.5539
YIQ	23.7950, 29.3390, 24.4670

# Conversions

## Conversions Part 2

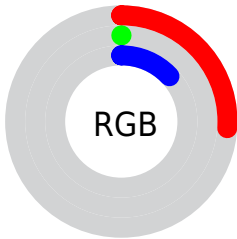
Format	Color
<a href="#">RYB</a>	<a href="#">67, 0, 33</a>
Decimal	<a href="#">4390945</a>
CIELab	<a href="#">11.30, 32.79, -1.45</a>
CIElCh	<a href="#">11, 32.818, 357.471</a>
Yxy	<a href="#">1.3031, 0.4754, 0.2393</a>
Android (android.graphics.Color)	<a href="#">4282581025 (0xFF430021)</a>
YUV	<a href="#">23.7950, 4.5381, 37.8908</a>
Hunter-Lab	<a href="#">11.4153, 20.5110, -0.0800</a>

# Details

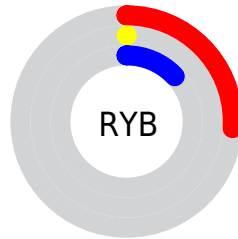
The Hex color **430021** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **004322**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **77334D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **430021**, and if you desaturate by 10%, it is **430724**.

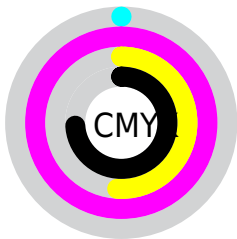
# Distribution



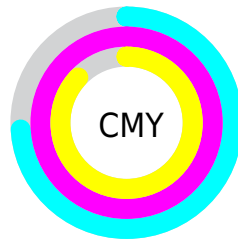
- Red (26%)
- Green (0%)
- Blue (13%)



- Red (26%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (74%)



- Cyan (74%)
- Magenta (100%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 430021 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 430021 by changing the saturation by 10% instead.



 430021

 430021

 FFECFF

 2E000A

 77334D

 000000

 924B65

 AD647E

 C97E98

 E698B2

 FFB3CE

 FFCFEA

 430021

■ 430724

■ 430D28

■ 43142B

■ 431B2F

■ 432232

■ 432835

■ 432F39

■ 43363C

■ 433C40

# Harmonies

## Analogous

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



360B37



430021



430406

# Triad

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



430021



132300



002644

# Complementary

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



430021



004322

# 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.



002832



430021



002600

# Square

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



430021



281D00



00281B



00224B

# Rectangle

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



430021



3D0E00



00281B



00273F



# Sweetspot

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



430021



573D4A



220043



2B1C23



ABABAB



2B2B2B



# Same Dimension

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



430021



57002B



430000



211E1F



610030



E0006F



# Inverse Universe

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



430021



57002B



004343



211E1F



610030

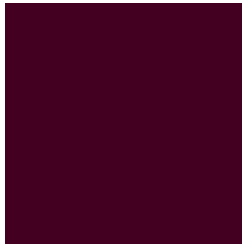


E0006F



# Previews

## White Background



This preview shows how the Hex color 430021 looks on a white background.

## Color Contrast Check

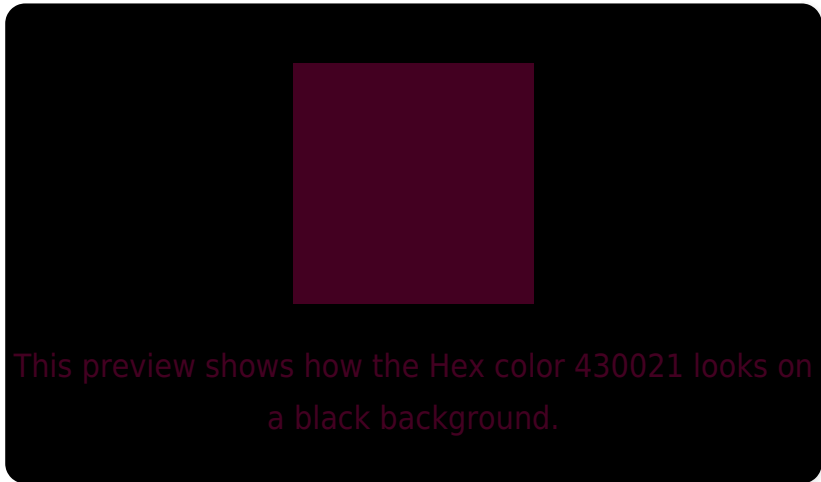
Large Text (above 18pt) WCAG AA ✓ Pass

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

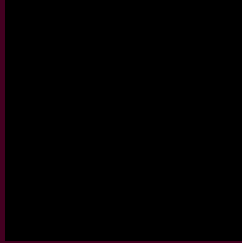
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 430021 Background



This preview shows how black text looks on a background with the Hex color 430021.



This preview shows how white text looks on a background with the Hex color 430021.

# 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](#).

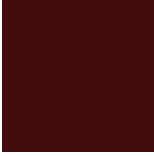
## Dichromacy



**Original Color**  
430021

**Protanopia**  
1F2230

**Deuteranopia**  
28221E



**Tritanopia**  
420D0D

# Trichromacy



**Original Color**  
430021

**Protanomaly**  
2C162B

**Deuteranomaly**  
32161F

**Tritanomaly**  
420814

# Monochromacy



**Original Color**  
430021

**Achromatopsia**  
181818

**Achromatomaly**  
280F1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 430021 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 #430021 looks like.

```
.text, #text, p{  
    color:#430021  
}
```

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 #430021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #430021
}
```

## Border

The CSS property to change the border of an element to Hex 430021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

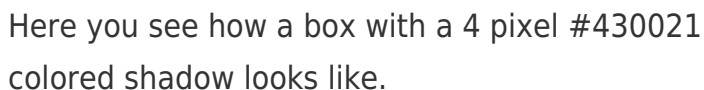
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#430021 }
```

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

```
.border{ border-color:#430021 }
```

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



Here you see how a box with a 4 pixel #430021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #430021; -webkit-box-shadow:4px 4px  
4px 4px #430021; box-shadow:4px 4px 4px  
4px #430021 }
```

# Background

The CSS property to change the background color of an element to Hex 430021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#430021 }
```

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

```
.background{ background-color:#430021 }
```

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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