

# Converting Colors

Hex(430551)

Have a look what the booklet for  
Hex(430551) contains.

<b>Hex(430551)</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> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

# Color

**Hex(430551)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	430551
RGB	67, 5, 81
RGB Percent	26%, 2%, 32%
CMY	0.7373, 0.9804, 0.6824
CMYK	0.17, 0.94, 0.00, 0.68
HSL	289°, 88%, 17%
HSV	289°, 94%, 32%
XYZ	3.8542, 1.8959, 7.9474
YIQ	32.2020, 12.5560, 36.7800

# Conversions

## Conversions Part 2

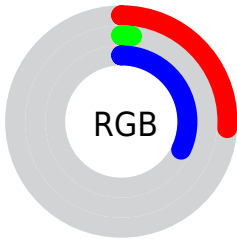
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 5, 81
Decimal	4392273
CIE <sub>Lab</sub>	14.93, 38.45, -30.25
CIE <sub>LCh</sub>	15, 48.928, 321.807
Yxy	1.8959, 0.2814, 0.1384
Android (android.graphics.Color)	4282582353 (0xFF430551)
YUV	32.2020, 24.0574, 30.5178
Hunter-Lab	13.7692, 25.8687, -24.5829




# Details

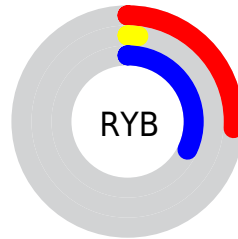
The Hex color **430551** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **135105**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **763983**, and **100024** is the 20% darker color. If you saturate the color by 10%, you get **420051**, and if you desaturate by 10%, it is **440D51**.

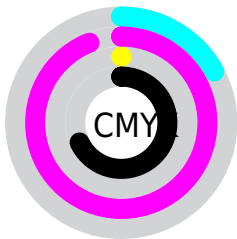
# Distribution







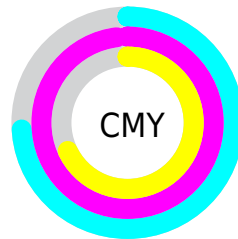
-  Red (26%)
-  Green (2%)
-  Blue (32%)






-  Red (26%)
-  Yellow (2%)
-  Blue (32%)



-  Cyan (17%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (74%)
-  Magenta (98%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 430551 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 430551 by changing the saturation by 10% instead.



 430551

 430551

 FFF5FF

 2B003A

 763983

 100024

 91529D

 00000A

 AC6CB8

 000000

 C886D4

 E5A0F1

 FFBCFF

 FFD8FF

 430551

 430551

■ 420051

■ 440D51

■ 461551

■ 471D51

■ 492551

■ 4A2D51

■ 4C3651

■ 4D3E51

■ 4F4651

■ 504E51

# Harmonies

## Analogous

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



002167



430551



5B0031

# Triad

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



430551



382100



00333F

# Complementary

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



430551



135105

# 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.



00321B



430551



172B00

# Square

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



430551



4F0B00



003000



00325C

# Rectangle

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



430551



5E001A



003000



003333



# Sweetspot

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



430551



634B69



051451



322336



B5B5B5



363636



# Same Dimension

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



430551



550069



51053A



282529



BD00E8

# Inverse Universe

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



510513



690013



05511C



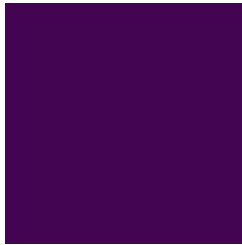
292525



E8002B

# Previews

## White Background



This preview shows how the Hex color 430551 looks on a white background.

## Color Contrast Check

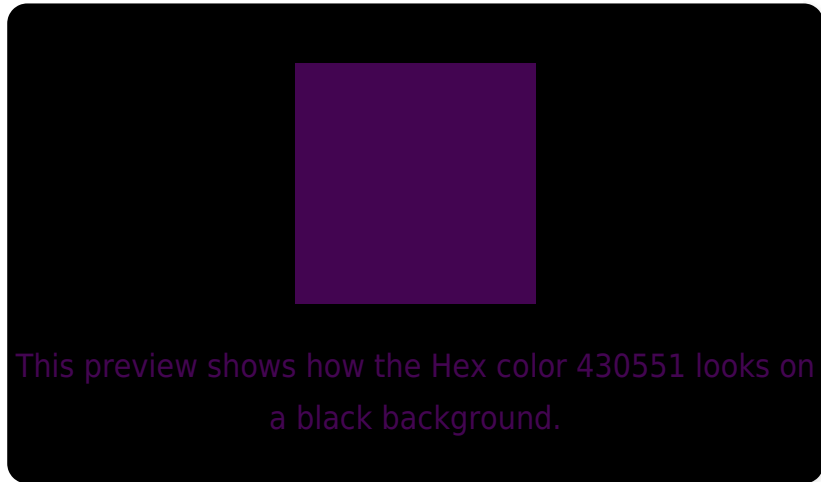
Large Text (above 18pt) WCAG AA ✓ Pass

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

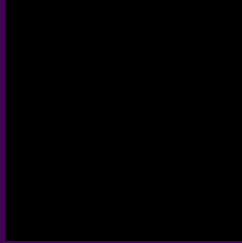
Any Text WCAG AA × Fail

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 430551 Background



This preview shows how black text looks on a background with the Hex color 430551.



This preview shows how white text looks on a background with the Hex color 430551.

# 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**  
430551

**Protanopia**  
002753

**Deuteranopia**  
002A49





# Trichromacy



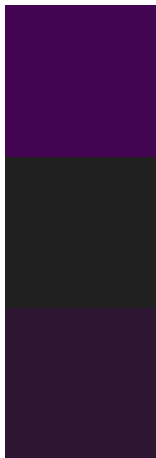
**Original Color**  
430551

**Protanomaly**  
181B52

**Deuteranomaly**  
181D4C

**Tritanomaly**  
3F1633

# Monochromacy



**Original Color**  
430551

**Achromatopsia**  
202020

**Achromatomaly**  
2D1632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 430551 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 #430551 looks like.

```
.text, #text, p{  
    color:#430551  
}
```

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 #430551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #430551
}
```

## Border

The CSS property to change the border of an element to Hex 430551 is called "border". The border property can be set on classes, ids or directly on the HTML element.

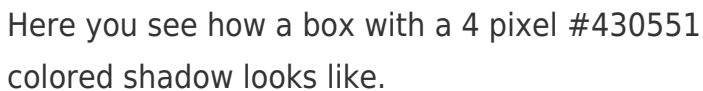
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#430551 }
```

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

```
.border{ border-color:#430551 }
```

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



Here you see how a box with a 4 pixel #430551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #430551; -webkit-box-shadow:4px 4px  
4px 4px #430551; box-shadow:4px 4px 4px  
4px #430551 }
```

# Background

The CSS property to change the background color of an element to Hex 430551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#430551 }
```

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

```
.background{ background-color:#430551 }
```

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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