

# Converting Colors

Hex(441430)

Have a look what the booklet for  
Hex(441430) contains.

<b>Hex(441430)</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(441430)**

# Conversions

## Conversions Part 1

Format	Color
Hex	441430
RGB	68, 20, 48
RGB Percent	27%, 8%, 19%
CMY	0.7333, 0.9216, 0.8118
CMYK	0.00, 0.71, 0.29, 0.73
HSL	325°, 55%, 17%
HSV	325°, 71%, 27%
XYZ	3.1676, 1.9427, 3.0043
YIQ	37.5440, 19.6200, 18.8840

# Conversions

## Conversions Part 2

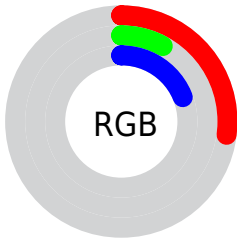
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 20, 48
Decimal	4461616
CIE <sub>Lab</sub>	15.18, 26.49, -6.67
CIE <sub>LCh</sub>	15, 27.319, 345.866
Yxy	1.9427, 0.3904, 0.2394
Android (android.graphics.Color)	4282651696 (0xFF441430)
YUV	37.5440, 5.1548, 26.7099
Hunter-Lab	13.9379, 16.1748, -3.0235

# Details

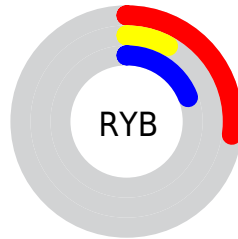
The Hex color **441430** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **144428**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **76425E**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **440D2D**, and if you desaturate by 10%, it is **441B33**.

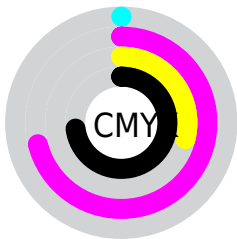
# Distribution



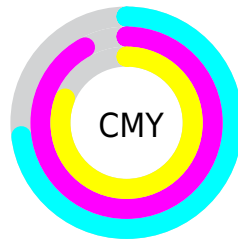
- Red (27%)
- Green (8%)
- Blue (19%)



- Red (27%)
- Yellow (8%)
- Blue (19%)



- Cyan (0%)
- Magenta (71%)
- Yellow (29%)
- Black (73%)



- Cyan (73%)
- Magenta (92%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 441430 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 441430 by changing the saturation by 10% instead.



 441430

 441430

 FFFCFF

 2D001B

 76425E

 0E0000

 905A77

 000000

 AC7390

 C78DAB

 E4A8C6

 FFC4E2

 FFE0FF

 441430

 441430

■ 440D2D

■ 441B33

■ 44062A

■ 442236

■ 440028

■ 442838

■ 442F3B

■ 44363E

■ 443D41

■ 444444

■ 444A47

■ 44514A

# Harmonies

## Analogous

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



341C41



441430



48131D

# Triad

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



441430



272800



002E41

# Complementary

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



441430



144428

# 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.



002F30



441430



0F2C06

# Square

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



441430



382200



002E1C



002B4B

# Rectangle

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



441430



461710



002E1C



002F3C



# Sweetspot

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



441430



594751



281444



2E2229



ADADAD



2E2E2E



# Same Dimension

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



441430



590D3A



441418



211E20



610039



E00083



# Inverse Universe

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



441430



590D3A



144440



211E20



610039

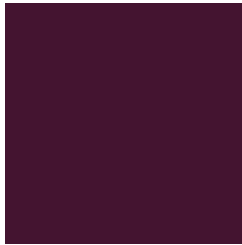


E00083



# Previews

## White Background



This preview shows how the Hex color 441430 looks on a white background.

## Color Contrast Check

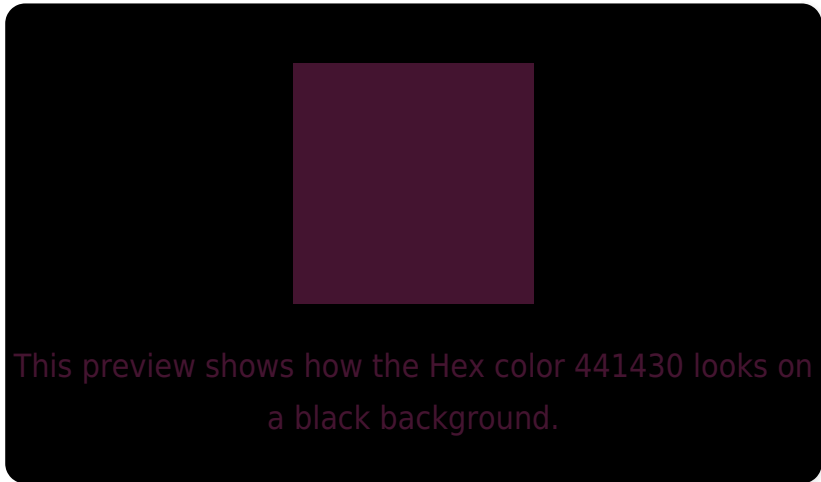
Large Text (above 18pt) WCAG AA ✓ Pass

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

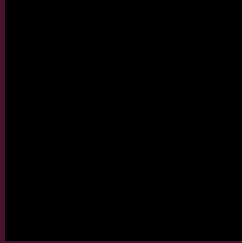
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 441430 Background



This preview shows how black text looks on a background with the Hex color 441430.



This preview shows how white text looks on a background with the Hex color 441430.

# 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**  
441430

**Protanopia**  
1F273E

**Deuteranopia**  
29272D



**Tritanopia**  
421A1B

# Trichromacy



**Original Color**  
441430

**Protanomaly**  
2C2039

**Deuteranomaly**  
33202E

**Tritanomaly**  
431823

# Monochromacy



**Original Color**  
441430

**Achromatopsia**  
262626

**Achromatomaly**  
311F2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 441430 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 #441430 looks like.

```
.text, #text, p{  
    color:#441430  
}
```

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 #441430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #441430
}
```

## Border

The CSS property to change the border of an element to Hex 441430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

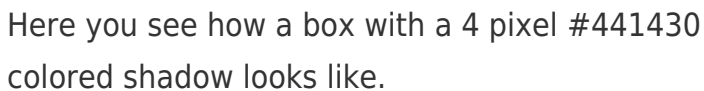
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#441430 }
```

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

```
.border{ border-color:#441430 }
```

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



Here you see how a box with a 4 pixel #441430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #441430; -webkit-box-shadow:4px 4px  
4px 4px #441430; box-shadow:4px 4px 4px  
4px #441430 }
```

# Background

The CSS property to change the background color of an element to Hex 441430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#441430 }
```

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

```
.background{ background-color:#441430 }
```

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