

# Converting Colors

Hex(422600)

Have a look what the booklet for  
Hex(422600) contains.

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**Color**

**Hex(422600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	422600
RGB	66, 38, 0
RGB Percent	26%, 15%, 0%
CMY	0.7412, 0.8510, 1.0000
CMYK	0.00, 0.42, 1.00, 0.74
HSL	35°, 100%, 13%
HSV	35°, 100%, 26%
XYZ	2.9399, 2.5445, 0.3362
YIQ	42.0400, 28.8860, -5.8820

# Conversions

## Conversions Part 2

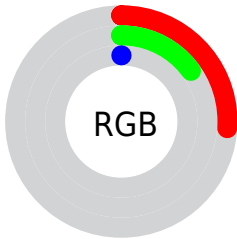
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">49, 66, 0</a>
Decimal	<a href="#">4335104</a>
CIELab	<a href="#">18.12, 9.89, 26.43</a>
CIELCh	<a href="#">18, 28.220, 69.486</a>
Yxy	<a href="#">2.5445, 0.5051, 0.4372</a>
Android (android.graphics.Color)	<a href="#">4282525184 (0xFF422600)</a>
YUV	<a href="#">42.0400, -20.7257, 21.0129</a>
Hunter-Lab	<a href="#">15.9514, 4.9829, 9.9164</a>

# Details

The Hex color **422600** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **001C42**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **75532F**, and **050000** is the 20% darker color. If you saturate the color by 10%, you get **422600**, and if you desaturate by 10%, it is **422907**.

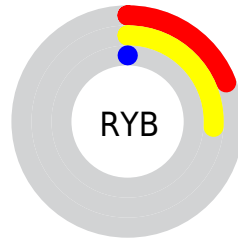
# Distribution



Red (26%)

Green (15%)

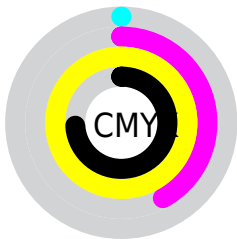
Blue (0%)



Red (19%)

Yellow (26%)

Blue (0%)

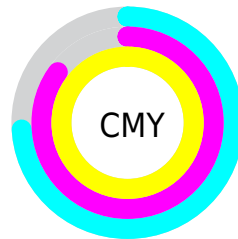


Cyan (0%)

Magenta (42%)

Yellow (100%)

Black (74%)



Cyan (74%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 422600 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 422600 by changing the saturation by 10% instead.



 422600

 422600

 FFFFE3

 291200

 75532F

 050000

 906B46

 000000

 AB845E

 C79E77

 E4B991

 FFD5AB

 FFF1C7

 422600

■ 422907

■ 422C0D

■ 422E14

■ 42311A

■ 423421

■ 423728

■ 423A2E

■ 423C35

■ 423F3B

# Harmonies

## Analogous

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



4D1E13



422600



312D00

# Triad

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



422600



003632



35244C

# Complementary

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



422600



001C42

# 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.



092C55



422600



003546

# Square

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



422600



00351D



003252



491B3B

# Rectangle

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



422600



233102



003252



2B2750



# Sweetspot

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



422600



574C3D



42001D



2B251C



ABABAB



2B2B2B



# Same Dimension

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



422600



573200



3E4200



21201E



613800



E08100



# Inverse Universe

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



001C42



002557



040042



1E1F21



002961

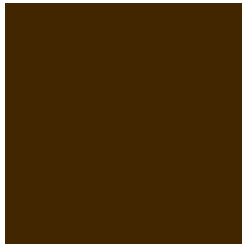


005FE0



# Previews

## White Background



This preview shows how the Hex color 422600 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

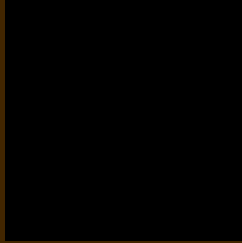
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 422600 Background



This preview shows how black text looks on a background with the Hex color 422600.



This preview shows how white text looks on a background with the Hex color 422600.

# 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

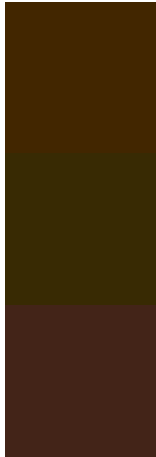


**Original Color**  
422600

**Protanopia**  
332D05

**Tritanopia**  
432326

# Trichromacy



**Original Color**  
422600

**Protanomaly**  
382A03

**Tritanomaly**  
432418

# Monochromacy



**Original Color**  
422600

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
33291B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 422600 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 #422600 looks like.

```
.text, #text, p{  
    color:#422600  
}
```

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 #422600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422600
}
```

## Border

The CSS property to change the border of an element to Hex 422600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

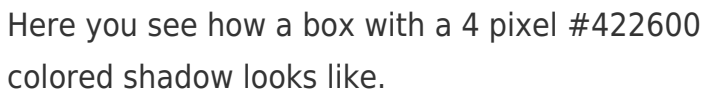
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422600 }
```

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

```
.border{ border-color:#422600 }
```

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



Here you see how a box with a 4 pixel #422600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422600; -webkit-box-shadow:4px 4px  
4px 4px #422600; box-shadow:4px 4px 4px  
4px #422600 }
```

# Background

The CSS property to change the background color of an element to Hex 422600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422600 }
```

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

```
.background{ background-color:#422600 }
```

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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