

# Converting Colors

Hex(422E01)

Have a look what the booklet for  
Hex(422E01) contains.

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**Color**

**Hex(422E01)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	422E01
RGB	66, 46, 1
RGB Percent	26%, 18%, 0%
CMY	0.7412, 0.8196, 0.9961
CMYK	0.00, 0.30, 0.98, 0.74
HSL	42°, 97%, 13%
HSV	42°, 98%, 26%
XYZ	3.2292, 3.1144, 0.4597
YIQ	46.8500, 26.3650, -9.7550

# Conversions

## Conversions Part 2

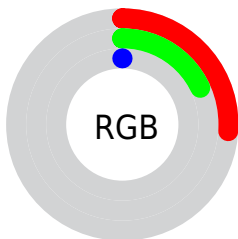
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 66, 1
Decimal	4337153
CIELab	20.50, 4.63, 28.76
CIElCh	20, 29.134, 80.858
Yxy	3.1144, 0.4747, 0.4578
Android (android.graphics.Color)	4282527233 (0xFF422E01)
YUV	46.8500, -22.6040, 16.7946
Hunter-Lab	17.6478, 1.7789, 10.8091

# Details

The Hex color **422E01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **011542**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **755C30**, and **0E0000** is the 20% darker color. If you saturate the color by 10%, you get **422E00**, and if you desaturate by 10%, it is **423008**.

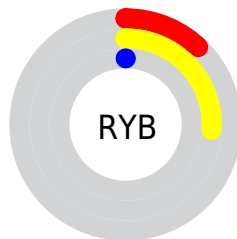
# Distribution



Red (26%)

Green (18%)

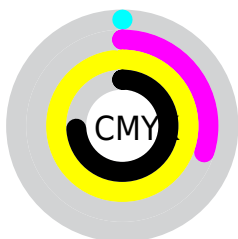
Blue (0%)



Red (12%)

Yellow (26%)

Blue (0%)

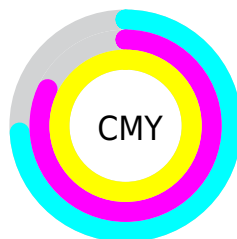


Cyan (0%)

Magenta (30%)

Yellow (98%)

Black (74%)



Cyan (74%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 422E01 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 422E01 by changing the saturation by 10% instead.



 422E01

 422E01

 FFFFE5

 2A1900

 755C30

 0E0000

 8F7447

 000000

 AB8E5F

 C7A878

 E3C392

 FFDFAD

 FFFCC9

 422E01

 422E01

■ 422E00

■ 423008

■ 42320E

■ 423415

■ 42361B

■ 423822

■ 423A29

■ 423C2F

■ 423E36

■ 42403C

# Harmonies

## Analogous

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



512510



422E01



2E3503

# Triad

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



422E01



003B40



45254D

# Complementary

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



422E01



011542

# 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.



252E59



422E01



003A52

# Square

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



422E01



003B2A



00365C



551E39

# Rectangle

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



422E01



1D380F



00365C



3C2852



# Sweetspot

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



422E01



574F3D



420116



2B271C



ABABAB



2B2B2B



# Same Dimension

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



422E01



573C00



364201



21201E



614300



E09B00



# Inverse Universe

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



011542



001B57



0D0142



1E1F21



001E61



0045E0



# Previews

## White Background



This preview shows how the Hex color 422E01 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 422E01 Background



This preview shows how black text looks on a background with the Hex color 422E01.



This preview shows how white text looks on a background with the Hex color 422E01.

# 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**  
422E01

**Protanopia**  
383204

**Deuteranopia**  
3F2F00



**Tritanopia**  
442B2E

# Trichromacy



**Original Color**  
422E01

**Protanomaly**  
3C3103

**Deuteranomaly**  
402F00

**Tritanomaly**  
432C1E

# Monochromacy



**Original Color**  
422E01

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
362F1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 422E01 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 #422E01 looks like.

```
.text, #text, p{  
    color:#422E01  
}
```

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 #422E01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422E01
}
```

## Border

The CSS property to change the border of an element to Hex 422E01 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
#422E01 }
```

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

```
.border{ border-color:#422E01 }
```

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

Here you see how a box with a 4 pixel #422E01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422E01; -webkit-box-shadow:4px 4px  
4px 4px #422E01; box-shadow:4px 4px 4px  
4px #422E01 }
```

# Background

The CSS property to change the background color of an element to Hex 422E01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422E01 }
```

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

```
.background{ background-color:#422E01 }
```

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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