

# Converting Colors

Hex(422325)

Have a look what the booklet for  
Hex(422325) contains.

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**Color**

**Hex(422325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	422325
RGB	66, 35, 37
RGB Percent	26%, 14%, 15%
CMY	0.7412, 0.8627, 0.8549
CMYK	0.00, 0.47, 0.44, 0.74
HSL	356°, 31%, 20%
HSV	356°, 47%, 26%
XYZ	3.1817, 2.4939, 2.0639
YIQ	44.4970, 17.8340, 7.1940

# Conversions

## Conversions Part 2

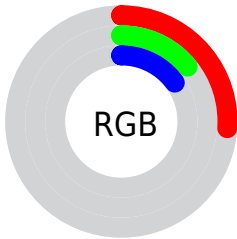
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 35, 37
Decimal	4334373
CIELab	17.89, 15.06, 5.11
CIElCh	18, 15.903, 18.728
Yxy	2.4939, 0.4111, 0.3222
Android (android.graphics.Color)	4282524453 (0xFF422325)
YUV	44.4970, -3.6960, 18.8581
Hunter-Lab	15.7920, 8.3275, 3.3055

# Details

The Hex color **422325** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **234240**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **735052**, and **0F0000** is the 20% darker color. If you saturate the color by 10%, you get **421C1F**, and if you desaturate by 10%, it is **422A2B**.

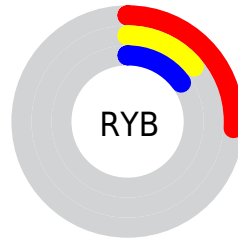
# Distribution



Red (26%)

Green (14%)

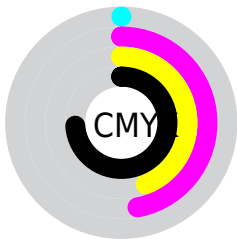
Blue (15%)



Red (26%)

Yellow (14%)

Blue (15%)

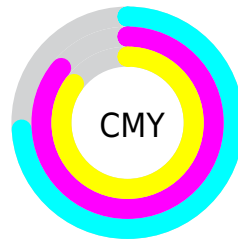


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (74%)



Cyan (74%)

Magenta (86%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 422325 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 422325 by changing the saturation by 10% instead.





422325



422325

FFFFFF



2B0E10



735052



0F0000



8D686A



000000



A88283



C49C9D



E0B7B8



FDD2D3



FFEFF0



422325



422325

■ 421C1F

■ 422A2B

■ 421619

■ 423031

■ 420F12

■ 423738

■ 42090C

■ 423D3E

■ 420206

■ 424444

■ 420004

■ 424B4A

■ 425150

■ 425856

■ 425E5D

# Harmonies

## Analogous

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



3F2331



422325



3F261B

# Triad

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



422325



1F301C



122E42

# Complementary

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



422325



234240

# 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.



00313D



422325



0F3227

# Square

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



422325



2C2D16



003233



272A41

# Rectangle

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



422325



3A2817



003233



0A2F41



# Sweetspot

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



422325



574B4B



402342



2B2424



ABABAB



2B2B2B



# Same Dimension

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



422325



572629



423023



211E1E



610006



E0000E



# Inverse Universe

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



422325



572629



233542



211E1E



610006

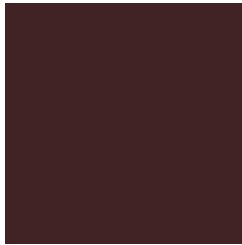


E0000E



# Previews

## White Background



This preview shows how the Hex color 422325 looks on a white background.

## Color Contrast Check

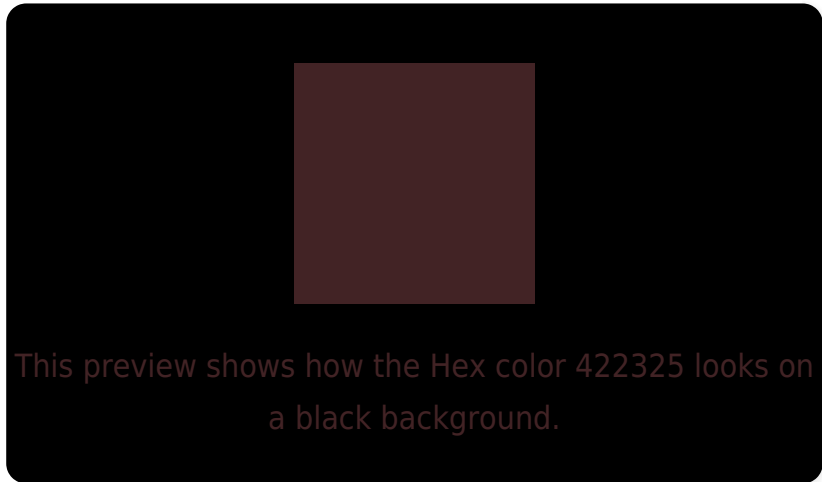
Large Text (above 18pt) WCAG AA ✓ Pass

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

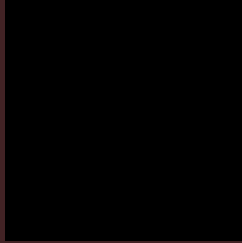
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 422325 Background



This preview shows how black text looks on a background with the Hex color 422325.

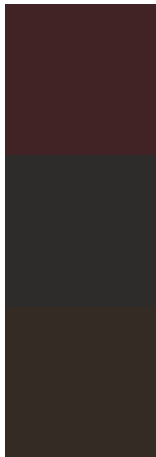


This preview shows how white text looks on a background with the Hex color 422325.

# 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**  
422325

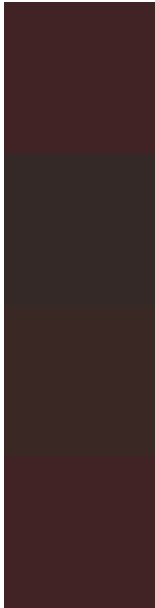
**Protanopia**  
2E2C2A

**Deuteranopia**  
342B24



**Tritanopia**  
422325

# Trichromacy



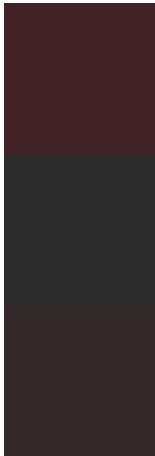
**Original Color**  
422325

**Protanomaly**  
352928

**Deuteranomaly**  
392824

**Tritanomaly**  
422325

# Monochromacy



**Original Color**  
422325

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
342929

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 422325 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 #422325 looks like.

```
.text, #text, p{  
    color:#422325  
}
```

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 #422325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422325
}
```

## Border

The CSS property to change the border of an element to Hex 422325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

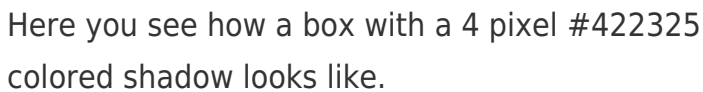
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422325 }
```

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

```
.border{ border-color:#422325 }
```

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



Here you see how a box with a 4 pixel #422325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422325; -webkit-box-shadow:4px 4px  
4px 4px #422325; box-shadow:4px 4px 4px  
4px #422325 }
```

# Background

The CSS property to change the background color of an element to Hex 422325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422325 }
```

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

```
.background{ background-color:#422325 }
```

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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