

# Converting Colors

Hex(442229)

Have a look what the booklet for  
Hex(442229) contains.

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**Color**

**Hex(442229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	442229
RGB	68, 34, 41
RGB Percent	27%, 13%, 16%
CMY	0.7333, 0.8667, 0.8392
CMYK	0.00, 0.50, 0.40, 0.73
HSL	348°, 33%, 20%
HSV	348°, 50%, 27%
XYZ	3.3562, 2.5331, 2.4099
YIQ	44.9640, 18.0170, 9.3850

# Conversions

## Conversions Part 2

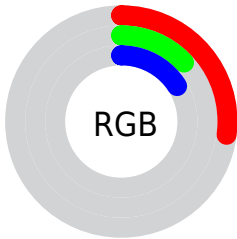
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 34, 41
Decimal	4465193
CIELab	18.07, 17.19, 2.58
CIELCh	18, 17.386, 8.548
Yxy	2.5331, 0.4044, 0.3052
Android (android.graphics.Color)	4282655273 (0xFF442229)
YUV	44.9640, -1.9543, 20.2026
Hunter-Lab	15.9157, 9.7880, 2.1636




# Details

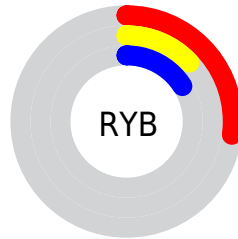
The Hex color **442229** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **22443D**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **764F56**, and **140000** is the 20% darker color. If you saturate the color by 10%, you get **441B24**, and if you desaturate by 10%, it is **44292E**.

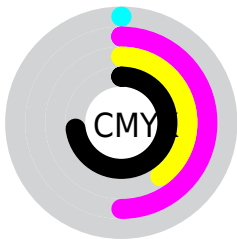
# Distribution







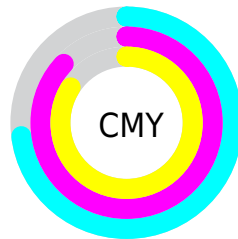
-  Red (27%)
-  Green (13%)
-  Blue (16%)






-  Red (27%)
-  Yellow (13%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (50%)
-  Yellow (40%)
-  Black (73%)



-  Cyan (73%)
-  Magenta (87%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 442229 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 442229 by changing the saturation by 10% instead.





442229



442229

FFFFFF



2D0D15



764F56



140000



90686E



000000



AB8188



C69BA2



E3B6BD



FFD2D9



FFEEF5



442229



442229

■ 441B24

■ 44292E

■ 44141E

■ 443034

■ 440E19

■ 443639

■ 440713

■ 443D3F

■ 44000E

■ 444444

■ 444B49

■ 44524F

■ 445854

■ 445F5A

# Harmonies

## Analogous

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



3F2336



442229



43241D

# Triad

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



442229



233018



033043

# Complementary

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



442229



22443D

# 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.



00323B



442229



123223

# Square

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



442229



312D13



00332F



1F2C45

# Rectangle

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



442229



3E2717



00332F



003141



# Sweetspot

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



442229



594C4F



3D2244



2E2627



ADADAD



2E2E2E



# Same Dimension

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



442229



59242F



442C22



211E1F



610014



E0002E



# Inverse Universe

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



442229



59242F



223A44



211E1F



610014

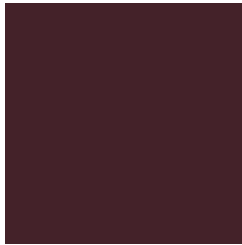


E0002E



# Previews

## White Background



This preview shows how the Hex color 442229 looks on a white background.

## Color Contrast Check

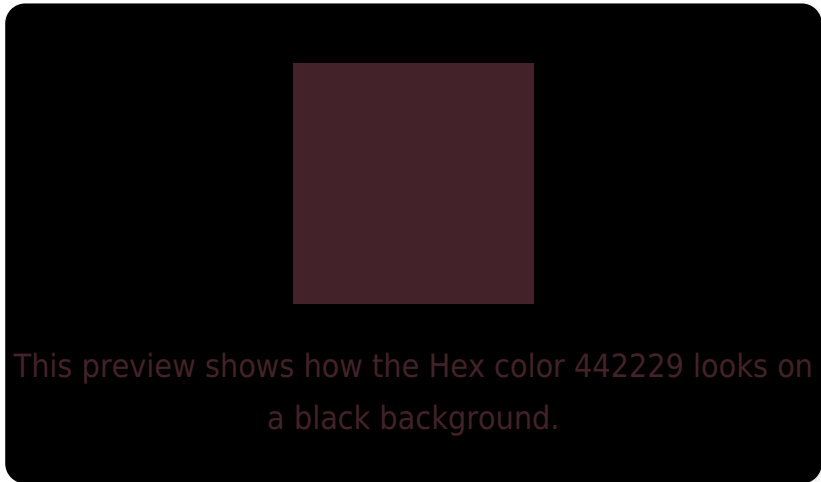
Large Text (above 18pt) WCAG AA ✓ Pass

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

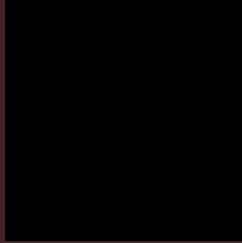
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 442229 Background



This preview shows how black text looks on a background with the Hex color 442229.

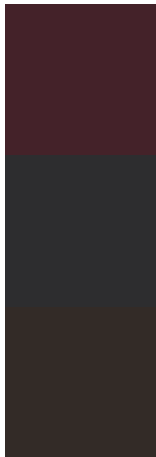


This preview shows how white text looks on a background with the Hex color 442229.

# 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**  
442229

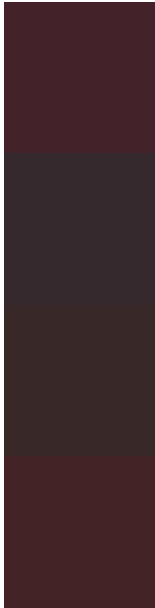
**Protanopia**  
2D2D2F

**Deuteranopia**  
332B27



**Tritanopia**  
442325

# Trichromacy



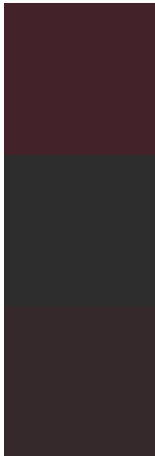
**Original Color**  
442229

**Protanomaly**  
35292D

**Deuteranomaly**  
392828

**Tritanomaly**  
442326

# Monochromacy



**Original Color**  
442229

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
35292C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 442229 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 #442229 looks like.

```
.text, #text, p{  
    color:#442229  
}
```

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 #442229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442229
}
```

## Border

The CSS property to change the border of an element to Hex 442229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

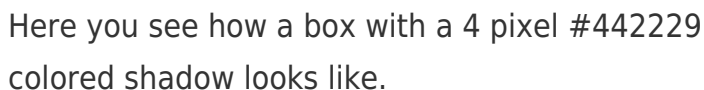
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442229 }
```

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

```
.border{ border-color:#442229 }
```

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



Here you see how a box with a 4 pixel #442229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442229; -webkit-box-shadow:4px 4px  
4px 4px #442229; box-shadow:4px 4px 4px  
4px #442229 }
```

# Background

The CSS property to change the background color of an element to Hex 442229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442229 }
```

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

```
.background{ background-color:#442229 }
```

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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