

Converting Colors

Hex(442236)

Have a look what the booklet for
Hex(442236) contains.

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Color

Hex(442236)

Conversions

Conversions Part 1

Format	Color
Hex	442236
RGB	68, 34, 54
RGB Percent	27%, 13%, 21%
CMY	0.7333, 0.8667, 0.7882
CMYK	0.00, 0.50, 0.21, 0.73
HSL	325°, 33%, 20%
HSV	325°, 50%, 27%
XYZ	3.6218, 2.6393, 3.8086
YIQ	46.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

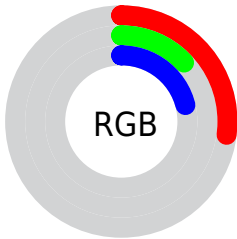
Format	Color
R_{YB}	68, 34, 54
Decimal	4465206
CIE _{Lab}	18.54, 19.39, -5.86
CIE _{LCh}	19, 20.252, 343.178
Yxy	2.6393, 0.3597, 0.2621
Android (android.graphics.Color)	4282655286 (0xFF442236)
YUV	46.4460, 3.7241, 18.9029
Hunter-Lab	16.2460, 11.3629, -2.5272

Details

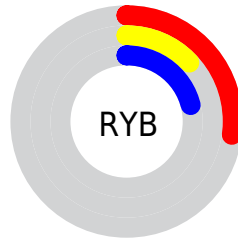
The Hex color **442236** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **224430**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **754F65**, and **180009** is the 20% darker color. If you saturate the color by 10%, you get **441B33**, and if you desaturate by 10%, it is **442939**.

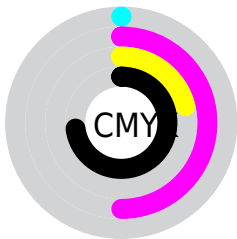
Distribution



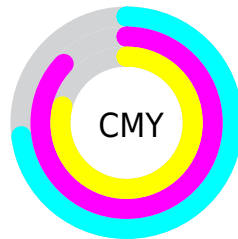
- Red (27%)
- Green (13%)
- Blue (21%)



- Red (27%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (73%)



- Cyan (73%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442236 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 442236 by changing the saturation by 10% instead.

■ 442236

■ 442236

FFFFFF

■ 2D0D21

■ 754F65

■ 180009

■ 8F687E

■ 000000

■ AA8197

■ C59BB2

■ E2B6CE

■ FED2EA

■ FFEEFF

■ 442236

■ 442236

■ 441B33

■ 442939

■ 441430

■ 44303C

■ 440E2E

■ 44363E

■ 44072B

■ 443D41

■ 440028

■ 444444

■ 444B47

■ 44524A

■ 44584C

■ 445F4F

Harmonies

Analogous

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



372743



442236



492127

Triad

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



442236



302E0F



003441

Complementary

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



442236



224430

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.



003533



442236



1F3217

Square

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



442236



3D2911



083424



003149

Rectangle

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



442236



48231E



083424



00343D

Sweetspot

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



442236



594C54



302244



2E262A



ADADAD



2E2E2E

Same Dimension

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



442236



592443



442225



211E20



610039



E00084

Inverse Universe

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



442236



592443



224441



211E20



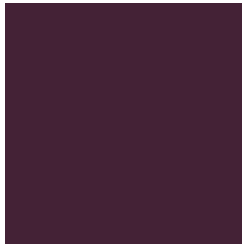
610039



E00084

Previews

White Background



This preview shows how the Hex color 442236 looks on a white background.

Color Contrast Check

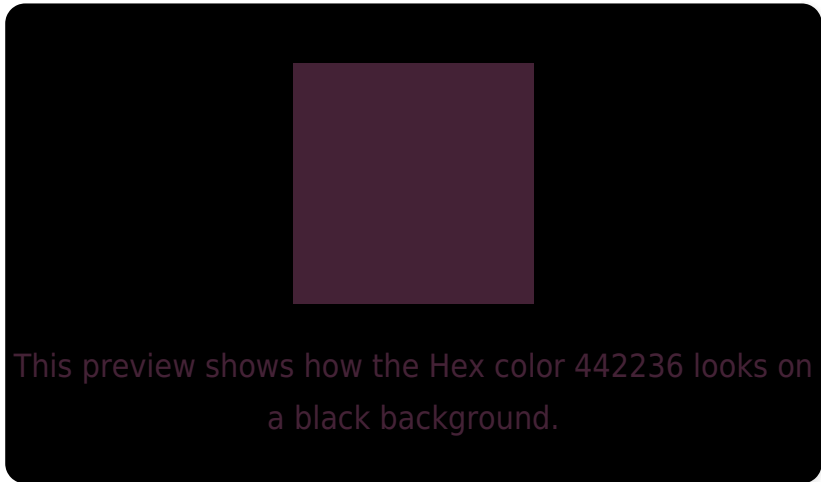
Large Text (above 18pt) WCAG AA ✓ Pass

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

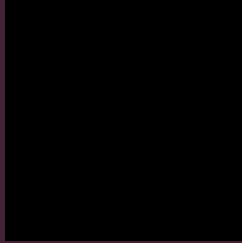
Any Text WCAG AA × Fail

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 442236 Background



This preview shows how black text looks on a background with the Hex color 442236.



This preview shows how white text looks on a background with the Hex color 442236.

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
442236

Protanopia
292D3E

Deuteranopia
2F2D34



Tritanopia
432528

Trichromacy



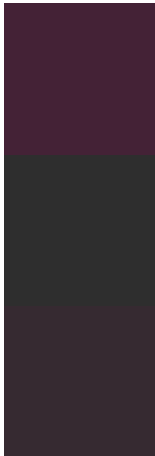
Original Color
442236

Protanomaly
33293B

Deuteranomaly
372935

Tritanomaly
43242D

Monochromacy



Original Color
442236

Achromatopsia
2E2E2E

Achromatomaly
362A31

CSS Examples

Text

The CSS property to change the color of the text to Hex 442236 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 #442236 looks like.

```
.text, #text, p{  
    color:#442236  
}
```

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 #442236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442236
}
```

Border

The CSS property to change the border of an element to Hex 442236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

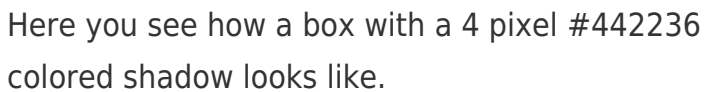
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442236 }
```

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

```
.border{ border-color:#442236 }
```

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



Here you see how a box with a 4 pixel #442236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442236; -webkit-box-shadow:4px 4px  
4px 4px #442236; box-shadow:4px 4px 4px  
4px #442236 }
```

Background

The CSS property to change the background color of an element to Hex 442236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442236 }
```

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

```
.background{ background-color:#442236 }
```

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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