

Converting Colors

Hex(422244)

Have a look what the booklet for
Hex(422244) contains.

Hex(422244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(422244)

Conversions

Conversions Part 1

Format	Color
Hex	422244
RGB	66, 34, 68
RGB Percent	26%, 13%, 27%
CMY	0.7412, 0.8667, 0.7333
CMYK	0.03, 0.50, 0.00, 0.73
HSL	296°, 33%, 20%
HSV	296°, 50%, 27%
XYZ	3.8622, 2.7197, 5.7902
YIQ	47.4440, 8.1580, 17.3580

Conversions

Conversions Part 2

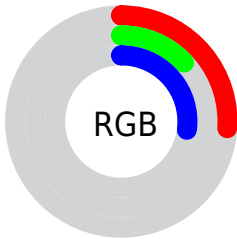
Format	Color
R_{YB}	66, 34, 68
Decimal	4334148
CIE Lab	18.88, 21.53, -15.06
CIE LCh	19, 26.280, 325.024
Yxy	2.7197, 0.3122, 0.2198
Android (android.graphics.Color)	4282524228 (0xFF422244)
YUV	47.4440, 10.1341, 16.2736
Hunter-Lab	16.4914, 12.9437, -9.2731

Details

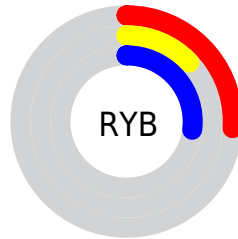
The Hex color **422244** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **244422**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **735074**, and **170019** is the 20% darker color. If you saturate the color by 10%, you get **421B44**, and if you desaturate by 10%, it is **422944**.

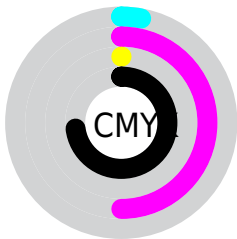
Distribution



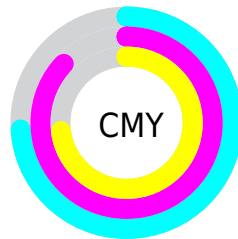
- Red (26%)
- Green (13%)
- Blue (27%)



- Red (26%)
- Yellow (13%)
- Blue (27%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422244 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 422244 by changing the saturation by 10% instead.



422244



422244

FFFFFF



2B0D2E



735074



170019



8D688E



000000



A781A8



C39CC4



DFB7E0



FCD2FC



FFEEFF



422244



422244

■ 421B44

■ 422944

■ 411444

■ 433044

■ 410E44

■ 433644

■ 400744

■ 443D44

■ 400044

■ 444444

■ 444B44

■ 455244

■ 455844

■ 465F44

Harmonies

Analogous

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



292A51



422244



4F1C32

Triad

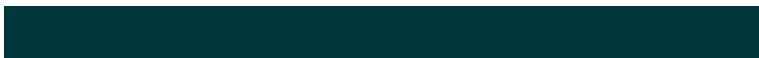
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



422244



3B2C02



00373D

Complementary

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



422244



244422

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.



00372A



422244



283207

Square

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



422244



49240E



0F3517



00354D

Rectangle

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



422244



511C25



0F3517



003737

Sweetspot

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



422244



584C59



222444



2D262E



ADADAD



2E2E2E

Same Dimension

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



422244



562459



442235



211E21



5B0061



D300E0

Inverse Universe

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



442224



592427



224431



211E1E



610006



E0000D

Previews

White Background



This preview shows how the Hex color 422244 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

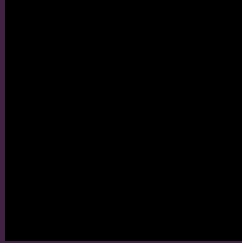
Any Text WCAG AA × Fail

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 422244 Background



This preview shows how black text looks on a background with the Hex color 422244.



This preview shows how white text looks on a background with the Hex color 422244.

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](#).

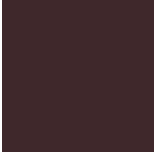
Dichromacy



Original Color
422244

Protanopia
212D4E

Deuteranopia
272E42



Tritanopia
3F282B

Trichromacy



Original Color
422244

Protanomaly
2D294A

Deuteranomaly
312A43

Tritanomaly
402634

Monochromacy



Original Color
422244

Achromatopsia
2F2F2F

Achromatomaly
362A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 422244 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 #422244 looks like.

```
.text, #text, p{  
    color:#422244  
}
```

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 #422244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422244
}
```

Border

The CSS property to change the border of an element to Hex 422244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

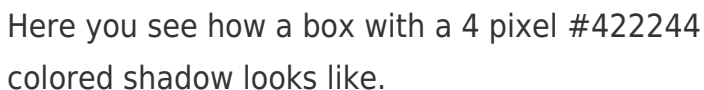
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422244 }
```

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

```
.border{ border-color:#422244 }
```

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



Here you see how a box with a 4 pixel #422244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422244; -webkit-box-shadow:4px 4px  
4px 4px #422244; box-shadow:4px 4px 4px  
4px #422244 }
```

Background

The CSS property to change the background color of an element to Hex 422244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422244 }
```

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

```
.background{ background-color:#422244 }
```

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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