

Converting Colors

Hex(442648)

Have a look what the booklet for
Hex(442648) contains.

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Color

Hex(442648)

Conversions

Conversions Part 1

Format	Color
Hex	442648
RGB	68, 38, 72
RGB Percent	27%, 15%, 28%
CMY	0.7333, 0.8510, 0.7176
CMYK	0.06, 0.47, 0.00, 0.72
HSL	293°, 31%, 22%
HSV	293°, 47%, 28%
XYZ	4.2467, 3.0830, 6.5022
YIQ	50.8460, 6.9660, 16.9340

Conversions

Conversions Part 2

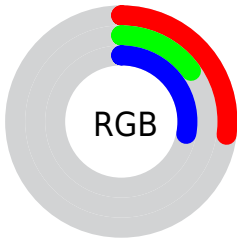
Format	Color
R_{YB}	68, 38, 72
Decimal	4466248
CIE _{Lab}	20.37, 20.64, -15.46
CIE _{LCh}	20, 25.789, 323.164
Yxy	3.0830, 0.3070, 0.2229
Android (android.graphics.Color)	4282656328 (0xFF442648)
YUV	50.8460, 10.4289, 15.0441
Hunter-Lab	17.5586, 12.4442, -9.6647

Details

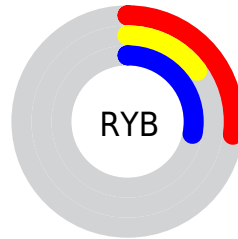
The Hex color **442648** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A4826**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **755479**, and **1C001D** is the 20% darker color. If you saturate the color by 10%, you get **431F48**, and if you desaturate by 10%, it is **452D48**.

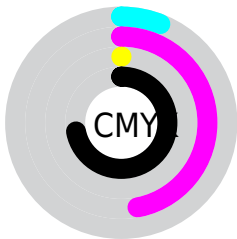
Distribution



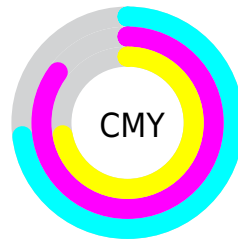
- Red (27%)
- Green (15%)
- Blue (28%)



- Red (27%)
- Yellow (15%)
- Blue (28%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (72%)



- Cyan (73%)
- Magenta (85%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442648 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 442648 by changing the saturation by 10% instead.



442648



442648

FFFFFF



2D1131



755479



1C001D



8F6C92



000000



AA86AD



C5A0C8



E1BBE5



FED7FF



FFF4FF



442648



442648

■ 431F48

■ 452D48

■ 421848

■ 463448

■ 411048

■ 473C48

■ 410948

■ 474348

■ 400248

■ 484A48

■ 400048

■ 495148

■ 4A5848

■ 4B6048

■ 4C6748

Harmonies

Analogous

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



2A2E54



442648



512036

Triad

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



442648



3F2F08



003A3F

Complementary

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



442648



2A4826

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.



003A2C



442648



2D340B

Square

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



442648



4D2713



153819



00394F

Rectangle

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



442648



54202A



153819



003A39

Sweetspot

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



442648



5D515E



262B48



2F2830



B0B0B0



303030

Same Dimension

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



442648



58295E



48263C



232024



580063



C800E3

Inverse Universe

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



48262A



5E292F



264832



242021



63000C



E3001B

Previews

White Background



This preview shows how the Hex color 442648 looks on a white background.

Color Contrast Check

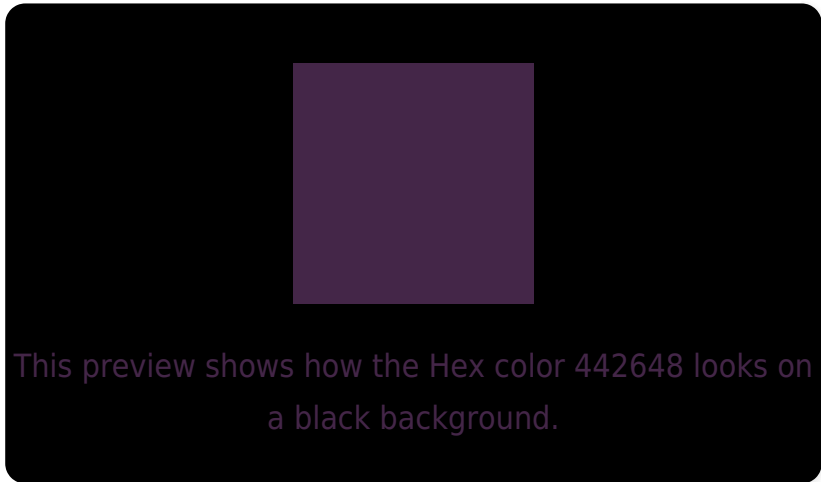
Large Text (above 18pt) WCAG AA ✓ Pass

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

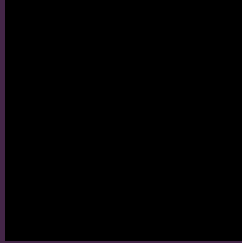
Any Text WCAG AA × Fail

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 442648 Background



This preview shows how black text looks on a background with the Hex color 442648.



This preview shows how white text looks on a background with the Hex color 442648.

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
442648

Protanopia
253151

Deuteranopia
2A3146



Tritanopia
412C2F

Trichromacy



Original Color
442648

Protanomaly
302D4E

Deuteranomaly
332D47

Tritanomaly
422A38

Monochromacy



Original Color
442648

Achromatopsia
333333

Achromatomaly
392E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 442648 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 #442648 looks like.

```
.text, #text, p{  
    color:#442648  
}
```

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 #442648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442648
}
```

Border

The CSS property to change the border of an element to Hex 442648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

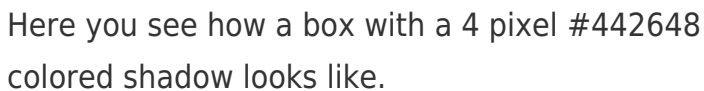
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#442648 }
```

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

```
.border{ border-color:#442648 }
```

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



Here you see how a box with a 4 pixel #442648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442648; -webkit-box-shadow:4px 4px  
4px 4px #442648; box-shadow:4px 4px 4px  
4px #442648 }
```

Background

The CSS property to change the background color of an element to Hex 442648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442648 }
```

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

```
.background{ background-color:#442648 }
```

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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