

Converting Colors

Hex(442D46)

Have a look what the booklet for
Hex(442D46) contains.

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Color

Hex(442D46)

Conversions

Conversions Part 1

Format	Color
Hex	442D46
RGB	68, 45, 70
RGB Percent	27%, 18%, 27%
CMY	0.7333, 0.8235, 0.7255
CMYK	0.03, 0.36, 0.00, 0.73
HSL	295°, 22%, 23%
HSV	295°, 36%, 27%
XYZ	4.4278, 3.5479, 6.2458
YIQ	54.7270, 5.6830, 12.6510

Conversions

Conversions Part 2

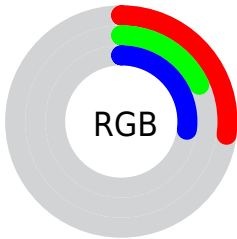
Format	Color
R_{YB}	68, 45, 70
Decimal	4468038
CIE _{Lab}	22.12, 15.61, -11.41
CIE _{LCh}	22, 19.340, 323.829
Yxy	3.5479, 0.3113, 0.2495
Android (android.graphics.Color)	4282658118 (0xFF442D46)
YUV	54.7270, 7.5296, 11.6404
Hunter-Lab	18.8359, 8.9973, -6.4748

Details

The Hex color **442D46** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2F462D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **755B76**, and **1B001B** is the 20% darker color. If you saturate the color by 10%, you get **432646**, and if you desaturate by 10%, it is **453446**.

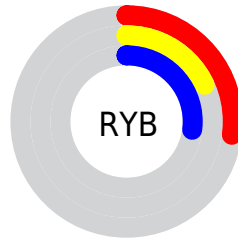
Distribution



Red (27%)

Green (18%)

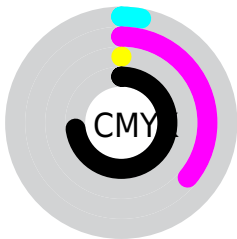
Blue (27%)



Red (27%)

Yellow (18%)

Blue (27%)

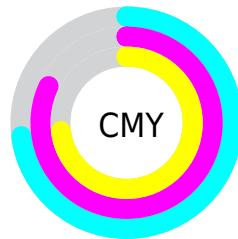


Cyan (3%)

Magenta (36%)

Yellow (0%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442D46 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 442D46 by changing the saturation by 10% instead.

■ 442D46

■ 442D46

FFFFFF

■ 2D1830

■ 755B76

■ 1B001B

■ 8E7490

■ 000000

■ A98DAB

■ C4A8C6

■ E0C3E2

■ FDDFFF

■ FFFCFF

■ 442D46

■ 442D46

■ 432646

■ 453446

■ 431F46

■ 453B46

■ 421846

■ 464246

■ 421146

■ 464946

■ 410A46

■ 475046

■ 410346

■ 475746

■ 400046

■ 485E46

■ 486546

■ 496C46

Harmonies

Analogous

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



32324F



442D46



4E2A38

Triad

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



442D46



413318



003C40

Complementary

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



442D46



2F462D

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.



0B3C31



442D46



32381A

Square

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



442D46



4B2E1E



213B23



003B4C

Rectangle

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



442D46



50292F



213B23



003C3B

Sweetspot

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



442D46



5B525C



2D2F46



2D282E



ADADAD



2E2E2E

Same Dimension

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



442D46



59345C



462D3C



232024



5B0063



D100E3

Inverse Universe

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



462D2F



5C3437



2D4637



242020



630008



E30012

Previews

White Background



This preview shows how the Hex color 442D46 looks on a white background.

Color Contrast Check

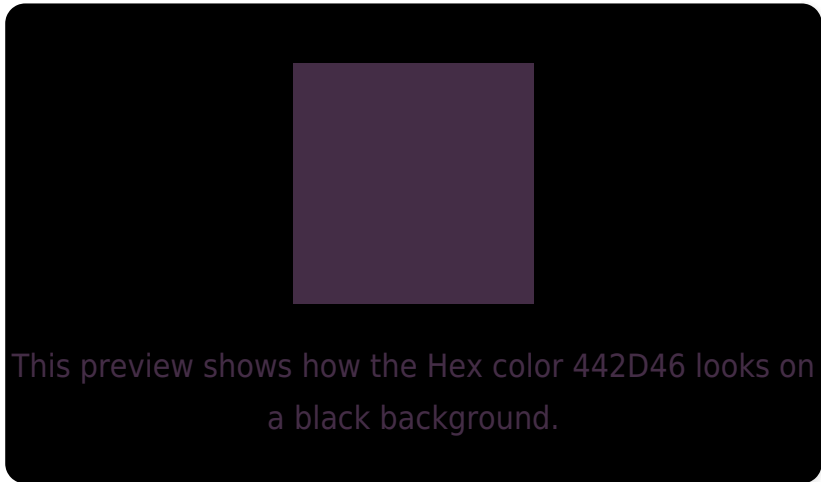
Large Text (above 18pt) WCAG AA ✓ Pass

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

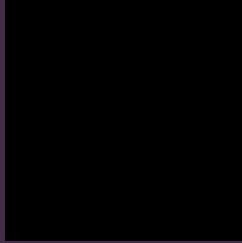
Any Text WCAG AA × Fail

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 442D46 Background



This preview shows how black text looks on a background with the Hex color 442D46.



This preview shows how white text looks on a background with the Hex color 442D46.

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](#).

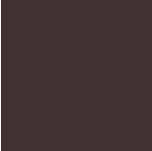
Dichromacy



Original Color
442D46

Protanopia
2E344C

Deuteranopia
323445



Tritanopia
423134

Trichromacy



Original Color

442D46

Protanomaly

36314A

Deuteranomaly

393145

Tritanomaly

43303B

Monochromacy



Original Color

442D46

Achromatopsia

373737

Achromatomaly

3C333C

CSS Examples

Text

The CSS property to change the color of the text to Hex 442D46 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 #442D46 looks like.

```
.text, #text, p{  
    color:#442D46  
}
```

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 #442D46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442D46
}
```

Border

The CSS property to change the border of an element to Hex 442D46 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
#442D46 }
```

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

```
.border{ border-color:#442D46 }
```

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

Here you see how a box with a 4 pixel #442D46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442D46; -webkit-box-shadow:4px 4px  
4px 4px #442D46; box-shadow:4px 4px 4px  
4px #442D46 }
```

Background

The CSS property to change the background color of an element to Hex 442D46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442D46 }
```

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

```
.background{ background-color:#442D46 }
```

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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