

Converting Colors

Hex(442537)

Have a look what the booklet for
Hex(442537) contains.

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Color

Hex(442537)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 442537 |
| RGB | 68, 37, 55 |
| RGB Percent | 27%, 15%, 22% |
| CMY | 0.7333, 0.8549, 0.7843 |
| CMYK | 0.00, 0.46, 0.19, 0.73 |
| HSL | 325°, 30%, 21% |
| HSV | 325°, 46%, 27% |
| XYZ | 3.7351, 2.8279, 3.9634 |
| YIQ | 48.3210, 12.6980, 12.1700 |

Conversions

Conversions Part 2

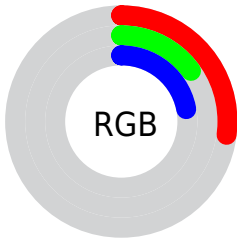
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 68, 37, 55 |
| Decimal | 4465975 |
| CIE Lab | 19.34, 17.66, -5.35 |
| CIE LCh | 19, 18.450, 343.145 |
| Yxy | 2.8279, 0.3548, 0.2687 |
| Android (android.graphics.Color) | 4282656055 (0xFF442537) |
| YUV | 48.3210, 3.2927, 17.2585 |
| Hunter-Lab | 16.8164, 10.2175, -2.2024 |

Details

The Hex color **442537** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **254432**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **755366**, and **1A000B** is the 20% darker color. If you saturate the color by 10%, you get **441E34**, and if you desaturate by 10%, it is **442C3A**.

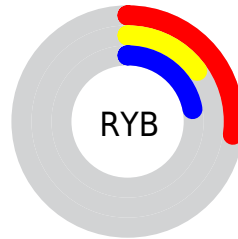
Distribution



Red (27%)

Green (15%)

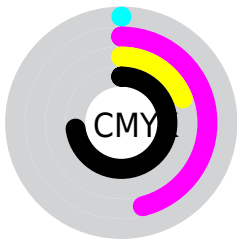
Blue (22%)



Red (27%)

Yellow (15%)

Blue (22%)

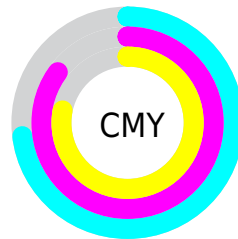


Cyan (0%)

Magenta (46%)

Yellow (19%)

Black (73%)



Cyan (73%)

Magenta (85%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442537 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 442537 by changing the saturation by 10% instead.



442537



442537

FFFFFF



2D1022



755366



1A000B



8F6B7F



000000



AA8499



C59FB3



E1BACF



FED5EB



FFF2FF



442537



442537

■ 441E34

■ 442C3A

■ 441731

■ 44333D

■ 44112E

■ 443940

■ 440A2C

■ 444042

■ 440329

■ 444745

■ 440027

■ 444E48

■ 44554B

■ 445B4E

■ 446251

Harmonies

Analogous

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



382943



442537



492429

Triad

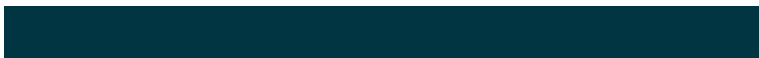
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



442537



313014



003541

Complementary

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



442537



254432

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.



003635



442537



23331B

Square

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



442537



3E2B15



103527



063248

Rectangle

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



442537



482621



103527



00353D

Sweetspot

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



442537



594D54



322544



2E262B



ADADAD



2E2E2E

Same Dimension

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



442537



592845



442528



211E20



610038



E00082

Inverse Universe

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



442537



592845



254441



211E20



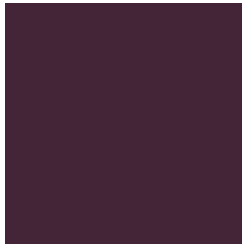
610038



E00082

Previews

White Background



This preview shows how the Hex color 442537 looks on a white background.

Color Contrast Check

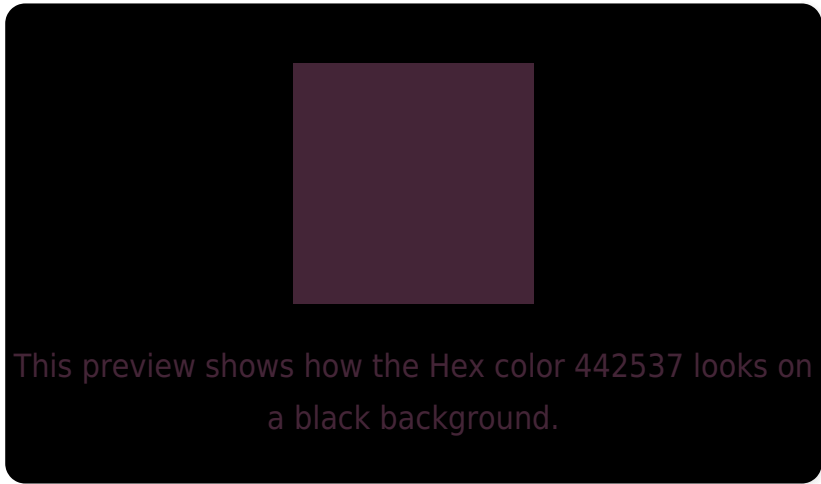
Large Text (above 18pt) WCAG AA ✓ Pass

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

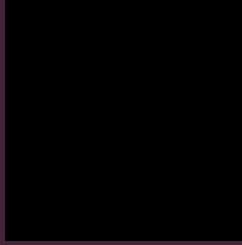
Any Text WCAG AA × Fail

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 442537 Background



This preview shows how black text looks on a background with the Hex color 442537.



This preview shows how white text looks on a background with the Hex color 442537.

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](#).

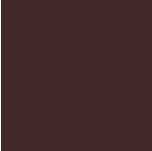
Dichromacy



Original Color
442537

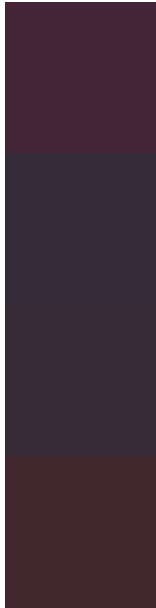
Protanopia
2B2F3E

Deuteranopia
312E35



Tritanopia
43282A

Trichromacy



Original Color
442537

Protanomaly
342B3B

Deuteranomaly
382B36

Tritanomaly
43272F

Monochromacy



Original Color
442537

Achromatopsia
303030

Achromatomaly
372C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 442537 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 #442537 looks like.

```
.text, #text, p{  
    color:#442537  
}
```

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 #442537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442537  
}
```

Border

The CSS property to change the border of an element to Hex 442537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

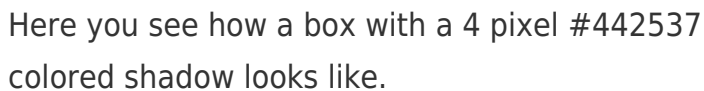
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#442537 }
```

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

```
.border{ border-color:#442537 }
```

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



Here you see how a box with a 4 pixel #442537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442537; -webkit-box-shadow:4px 4px  
4px 4px #442537; box-shadow:4px 4px 4px  
4px #442537 }
```

Background

The CSS property to change the background color of an element to Hex 442537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442537 }
```

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

```
.background{ background-color:#442537 }
```

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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