

Converting Colors

Hex(442640)

Have a look what the booklet for
Hex(442640) contains.

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Color

Hex(442640)

Conversions

Conversions Part 1

Format	Color
Hex	442640
RGB	68, 38, 64
RGB Percent	27%, 15%, 25%
CMY	0.7333, 0.8510, 0.7490
CMYK	0.00, 0.44, 0.06, 0.73
HSL	308°, 28%, 21%
HSV	308°, 44%, 27%
XYZ	4.0024, 2.9853, 5.2158
YIQ	49.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

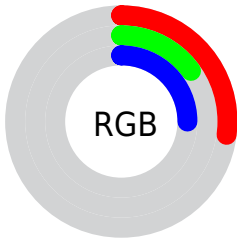
Format	Color
RYB	68, 38, 64
Decimal	4466240
CIELab	19.99, 18.84, -10.59
CIELCh	20, 21.618, 330.660
Yxy	2.9853, 0.3280, 0.2446
Android (android.graphics.Color)	4282656320 (0xFF442640)
YUV	49.9340, 6.9345, 15.8439
Hunter-Lab	17.2781, 11.1122, -5.8032

Details

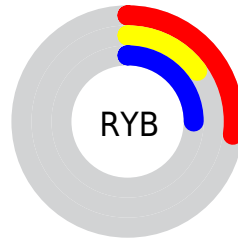
The Hex color **442640** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **26442A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **755470**, and **1B0016** is the 20% darker color. If you saturate the color by 10%, you get **441F3F**, and if you desaturate by 10%, it is **442D41**.

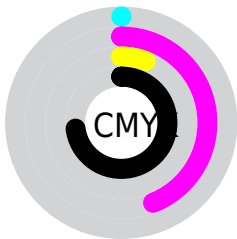
Distribution



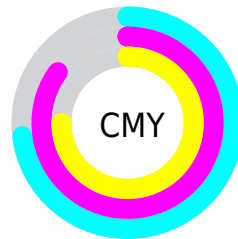
- Red (27%)
- Green (15%)
- Blue (25%)



- Red (27%)
- Yellow (15%)
- Blue (25%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (73%)



- Cyan (73%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 442640 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 442640 by changing the saturation by 10% instead.

■ 442640

■ 442640

FFFFFF

■ 2D112A

■ 755470

■ 1B0016

■ 8F6C89

■ 000000

■ A986A3

■ C5A0BF

■ E1BBDA

■ FED7F7

■ FFF3FF

■ 442640

■ 442640

■ 441F3F

■ 442D41

■ 44183E

■ 443442

■ 44123D

■ 443A43

■ 440B3C

■ 444144

■ 44043B

■ 444845

■ 44003B

■ 444F45

■ 445646

■ 445C47

■ 446348

Harmonies

Analogous

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



322C4B



442640



4D2331

Triad

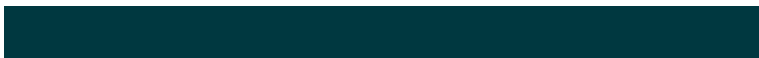
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



442640



39300F



003840

Complementary

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



442640



26442A

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.



003830



442640



293414

Square

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



442640



462A15



143720



00364C

Rectangle

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



442640



4E2326



143720



00383B

Sweetspot

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



442640



594E58



2A2644



2E272D



ADADAD



2E2E2E

Same Dimension

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



442640



592A53



442631



211E21



610054



E000C2

Inverse Universe

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



442640



592A53



264439



211E21



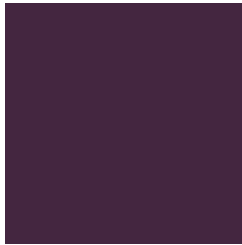
610054



E000C2

Previews

White Background



This preview shows how the Hex color 442640 looks on a white background.

Color Contrast Check

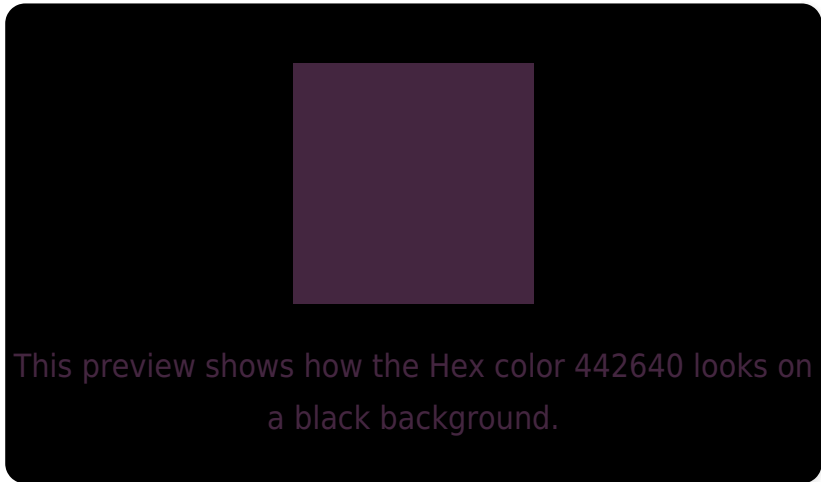
Large Text (above 18pt) WCAG AA ✓ Pass

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

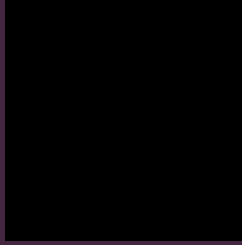
Any Text WCAG AA × Fail

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 442640 Background



This preview shows how black text looks on a background with the Hex color 442640.



This preview shows how white text looks on a background with the Hex color 442640.

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

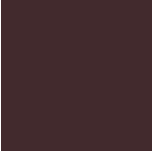
442640

Protanopia

293048

Deuteranopia

2E303E



Tritanopia
422A2D

Trichromacy



Original Color

442640

Protanomaly

332C45

Deuteranomaly

362C3F

Tritanomaly

432934

Monochromacy



Original Color

442640

Achromatopsia

323232

Achromatomaly

392E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 442640 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 #442640 looks like.

```
.text, #text, p{  
    color:#442640  
}
```

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 #442640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #442640  
}
```

Border

The CSS property to change the border of an element to Hex 442640 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".

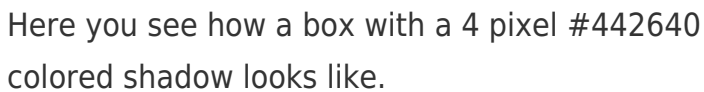
```
.border, #border, table{ border:4px solid  
#442640 }
```

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

```
.border{ border-color:#442640 }
```

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

Here you see how a box with a 4 pixel #442640 colored shadow looks like.

A rectangular box with a dark purple shadow. The box is white with a thin dark purple border. The shadow is a darker purple, offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #442640; -webkit-box-shadow:4px 4px  
4px 4px #442640; box-shadow:4px 4px 4px  
4px #442640 }
```

Background

The CSS property to change the background color of an element to Hex 442640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#442640 }
```

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

```
.background{ background-color:#442640 }
```

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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