

Converting Colors

Hex(424740)

Have a look what the booklet for
Hex(424740) contains.

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Color

Hex(424740)

Conversions

Conversions Part 1

Format	Color
Hex	424740
RGB	66, 71, 64
RGB Percent	26%, 28%, 25%
CMY	0.7412, 0.7216, 0.7490
CMYK	0.07, 0.00, 0.10, 0.72
HSL	103°, 5%, 26%
HSV	103°, 10%, 28%
XYZ	5.4254, 6.0349, 5.7294
YIQ	68.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

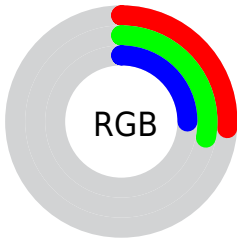
Format	Color
RYB	64, 71, 69
Decimal	4343616
CIELab	29.50, -3.61, 3.50
CIElCh	30, 5.027, 135.824
Yxy	6.0349, 0.3156, 0.3511
Android (android.graphics.Color)	4282533696 (0xFF424740)
YUV	68.7070, -2.3206, -2.3740
Hunter-Lab	24.5660, -3.5687, 3.3684

Details

The Hex color **424740** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454047**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **727770**, and **171C16** is the 20% darker color. If you saturate the color by 10%, you get **3D4739**, and if you desaturate by 10%, it is **474747**.

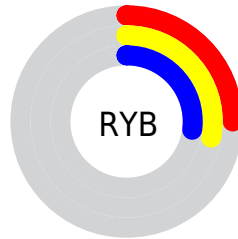
Distribution



Red (26%)

Green (28%)

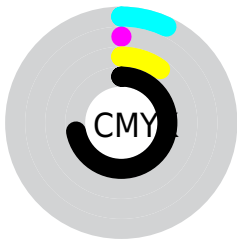
Blue (25%)



Red (25%)

Yellow (28%)

Blue (27%)

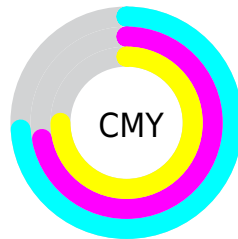


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (72%)



Cyan (74%)

Magenta (72%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424740 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 424740 by changing the saturation by 10% instead.

■ 424740

■ 424740

FFFFFF

■ 2C312A

■ 727770

■ 171C16

■ 8B9189

■ 000000

■ A6ACA3

■ C1C7BE

■ DDE3DA

■ F9FFF7

■ 424740

■ 424740

■ 3D4739

■ 474747

■ 384732

■ 4C474E

■ 33472B

■ 514755

■ 2E4724

■ 56475C

■ 29471C

■ 5B4764

■ 244715

■ 60476B

■ 1F470E

■ 654772

■ 194707

■ 6B4779

■ 144700

■ 704780

Harmonies

Analogous

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



47463E



424740



3E4843

Triad

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



424740



3F464D



4E4344

Complementary

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



424740



454047

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.



4C4348



424740



44454D

Square

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



424740



3C474B



49444B



4D4340

Rectangle

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



424740



3C4846



49444B



4E4345

Sweetspot

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



424740



5A5C59



474540



2D2E2C



ADADAD



2E2E2E

Same Dimension

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



424740



545C51



404741



212420



1C6300



41E300

Inverse Universe

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



454047



59515C



474046



232024



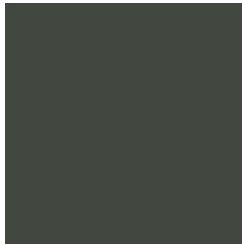
470063



A200E3

Previews

White Background



This preview shows how the Hex color 424740 looks on a white background.

Color Contrast Check

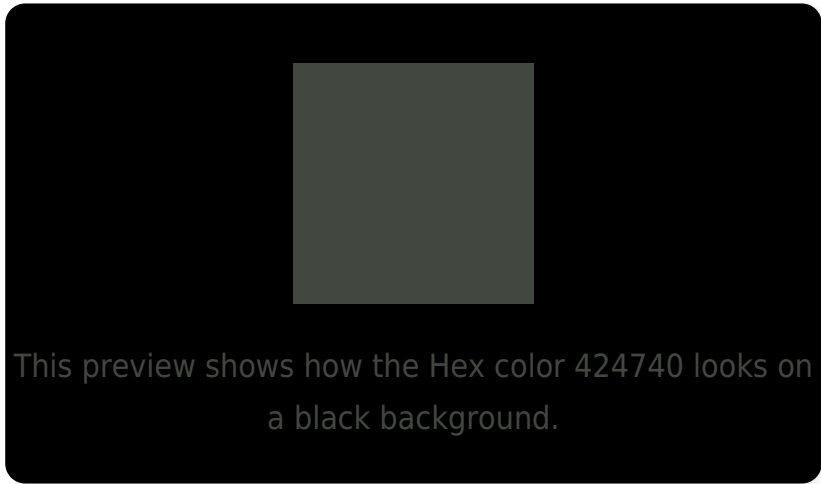
Large Text (above 18pt) WCAG AA ✓ Pass

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

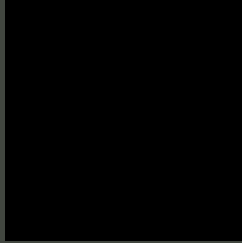
Any Text WCAG AA × Fail

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 424740 Background



This preview shows how black text looks on a background with the Hex color 424740.



This preview shows how white text looks on a background with the Hex color 424740.

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
424740

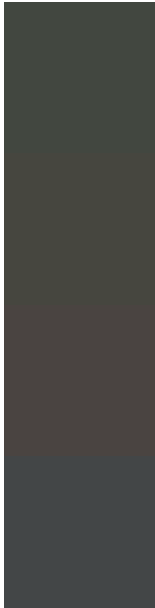
Protanopia
48453F

Deuteranopia
4E4341



Tritanopia
44454B

Trichromacy



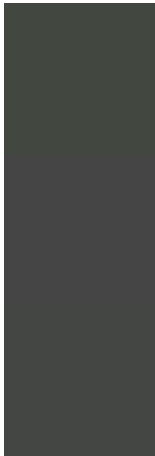
Original Color
424740

Protanomaly
46463F

Deuteranomaly
4A4441

Tritanomaly
434647

Monochromacy



Original Color
424740

Achromatopsia
454545

Achromatomaly
444643

CSS Examples

Text

The CSS property to change the color of the text to Hex 424740 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 #424740 looks like.

```
.text, #text, p{  
    color:#424740  
}
```

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 #424740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424740
}
```

Border

The CSS property to change the border of an element to Hex 424740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

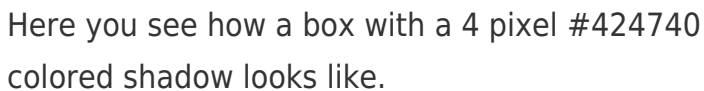
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424740 }
```

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

```
.border{ border-color:#424740 }
```

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



Here you see how a box with a 4 pixel #424740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424740; -webkit-box-shadow:4px 4px  
4px 4px #424740; box-shadow:4px 4px 4px  
4px #424740 }
```

Background

The CSS property to change the background color of an element to Hex 424740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424740 }
```

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

```
.background{ background-color:#424740 }
```

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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