

Converting Colors

Hex(424A48)

Have a look what the booklet for
Hex(424A48) contains.

Hex(424A48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(424A48)

Conversions

Conversions Part 1

Format	Color
Hex	424A48
RGB	66, 74, 72
RGB Percent	26%, 29%, 28%
CMY	0.7412, 0.7098, 0.7176
CMYK	0.11, 0.00, 0.03, 0.71
HSL	165°, 6%, 27%
HSV	165°, 11%, 29%
XYZ	5.8652, 6.5237, 7.0810
YIQ	71.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

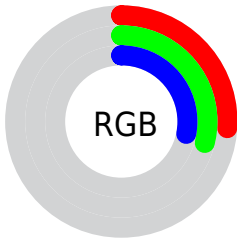
Format	Color
RYB	66, 71, 74
Decimal	4344392
CIELab	30.70, -3.70, 0.08
CIELCh	31, 3.697, 178.697
Yxy	6.5237, 0.3012, 0.3351
Android (android.graphics.Color)	4282534472 (0xFF424A48)
YUV	71.3800, 0.3057, -4.7183
Hunter-Lab	25.5415, -3.7077, 1.4419

Details

The Hex color **424A48** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4244**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **727B78**, and **171E1D** is the 20% darker color. If you saturate the color by 10%, you get **3B4A46**, and if you desaturate by 10%, it is **494A4A**.

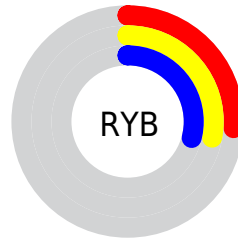
Distribution



Red (26%)

Green (29%)

Blue (28%)



Red (26%)

Yellow (28%)

Blue (29%)

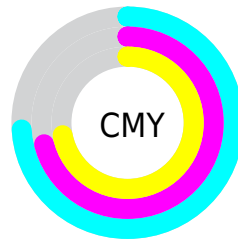


Cyan (11%)

Magenta (0%)

Yellow (3%)

Black (71%)



Cyan (74%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424A48 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 424A48 by changing the saturation by 10% instead.



424A48



424A48

FFFFFF



2C3332



727B78



171E1D



8B9492



000502



A6AFAD



000000



C1CAC8



DDE7E4



F9FFFF



424A48



424A48



3B4A46



494A4A

■ 334A44

■ 514A4C

■ 2C4A42

■ 584A4E

■ 244A41

■ 604A4F

■ 1D4A3F

■ 674A51

■ 164A3D

■ 6E4A53

■ 0E4A3B

■ 764A55

■ 074A39

■ 7D4A57

■ 004A37

■ 854A59

Harmonies

Analogous

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



444A45



424A48



414A4B

Triad

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



424A48



49484D



4D4743

Complementary

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



424A48



4A4244

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.



4F4646



424A48



4C474B

Square

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



424A48



45494E



4E4648



4B4843

Rectangle

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



424A48



424A4C



4E4648



4E4744

Sweetspot

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



424A48



5E6160



444A42



2F3030



B0B0B0



303030

Same Dimension

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



424A48



54615E



42484A



222625



00664C



00E6AC

Inverse Universe

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



4A4244



615457



4A4442



262223



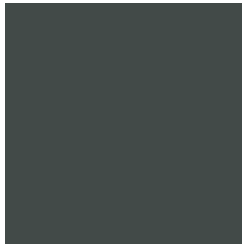
66001A



E60039

Previews

White Background



This preview shows how the Hex color 424A48 looks on a white background.

Color Contrast Check

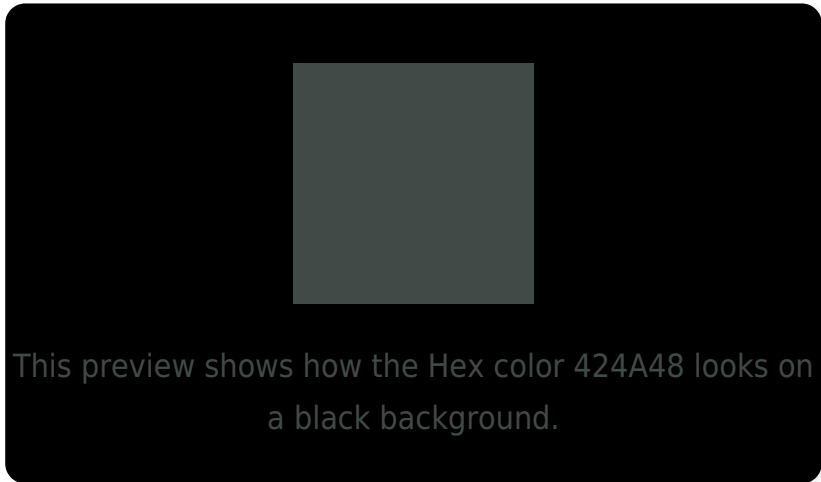
Large Text (above 18pt) WCAG AA ✓ Pass

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

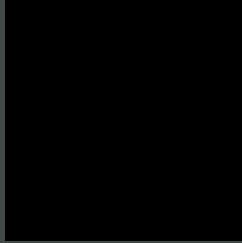
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

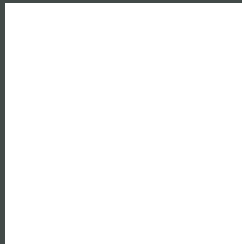
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 424A48 Background



This preview shows how black text looks on a background with the Hex color 424A48.

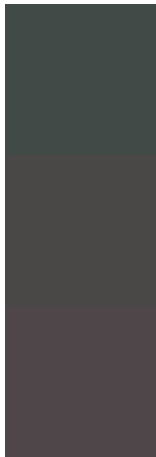


This preview shows how white text looks on a background with the Hex color 424A48.

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
424A48

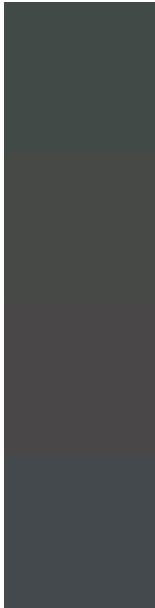
Protanopia
4A4847

Deuteranopia
4F4649



Tritanopia
43494F

Trichromacy



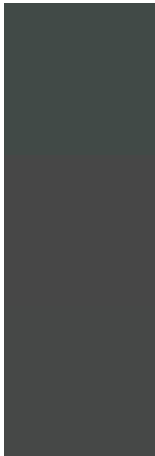
Original Color
424A48

Protanomaly
474947

Deuteranomaly
4A4749

Tritanomaly
43494C

Monochromacy



Original Color
424A48

Achromatopsia
474747

Achromatomaly
454847

CSS Examples

Text

The CSS property to change the color of the text to Hex 424A48 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 #424A48 looks like.

```
.text, #text, p{  
    color:#424A48  
}
```

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 #424A48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424A48  
}
```

Border

The CSS property to change the border of an element to Hex 424A48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

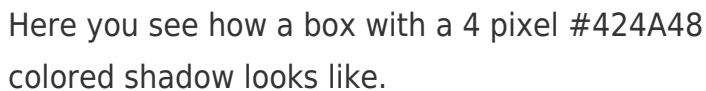
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#424A48 }
```

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

```
.border{ border-color:#424A48 }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color (#424A48) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #424A48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424A48; -webkit-box-shadow:4px 4px  
4px 4px #424A48; box-shadow:4px 4px 4px  
4px #424A48 }
```

Background

The CSS property to change the background color of an element to Hex 424A48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424A48 }
```

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

```
.background{ background-color:#424A48 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor