

Converting Colors

Hex(424948)

Have a look what the booklet for
Hex(424948) contains.

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Color

Hex(424948)

Conversions

Conversions Part 1

Format	Color
Hex	424948
RGB	66, 73, 72
RGB Percent	26%, 29%, 28%
CMY	0.7412, 0.7137, 0.7176
CMYK	0.10, 0.00, 0.01, 0.71
HSL	171°, 5%, 27%
HSV	171°, 10%, 29%
XYZ	5.7990, 6.3912, 7.0589
YIQ	70.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

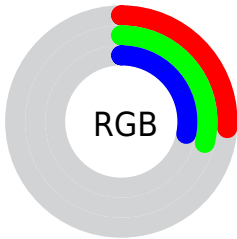
Format	Color
RYB	66, 70, 73
Decimal	4344136
CIELab	30.38, -3.07, -0.38
CIELCh	30, 3.094, 187.072
Yxy	6.3912, 0.3013, 0.3320
Android (android.graphics.Color)	4282534216 (0xFF424948)
YUV	70.7930, 0.5951, -4.2035
Hunter-Lab	25.2809, -3.2966, 1.1417

Details

The Hex color **424948** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **494243**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **727A78**, and **171D1D** is the 20% darker color. If you saturate the color by 10%, you get **3B4947**, and if you desaturate by 10%, it is **494949**.

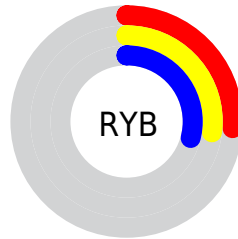
Distribution



 Red (26%)

 Green (29%)

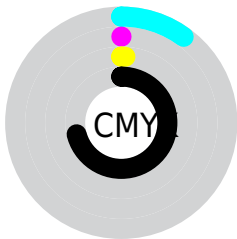
 Blue (28%)



 Red (26%)

 Yellow (27%)

 Blue (29%)

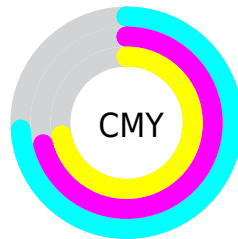


 Cyan (10%)

 Magenta (0%)

 Yellow (1%)

 Black (71%)



 Cyan (74%)

 Magenta (71%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424948 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 424948 by changing the saturation by 10% instead.

■ 424948

■ 424948

FFFFFF

■ 2C3332

■ 727A78

■ 171D1D

■ 8B9392

■ 000302

■ A6AEAD

■ 000000

■ C1C9C8

■ DDE5E4

■ F9FFFF

■ 424948

■ 424948

■ 3B4947

■ 494949

■ 334946

■ 51494A

■ 2C4945

■ 58494B

■ 254944

■ 5F494C

■ 1E4943

■ 67494D

■ 164942

■ 6E494E

■ 0F4941

■ 75494F

■ 084940

■ 7C4950

■ 00493F

■ 844951

Harmonies

Analogous

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



444946



424948



42494A

Triad

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



424948



49474B



4B4743

Complementary

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



424948



494243

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.



4D4645



424948



4B4649

Square

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



424948



46484C



4D4647



494843

Rectangle

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



424948



43484B



4D4647



4C4744

Sweetspot

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



424948



5C5E5E



434942



2F3030



B0B0B0



303030

Same Dimension

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



424948



535E5D



424749



202423



006355



00E3C3

Inverse Universe

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



494243



5E5355



494442



242021



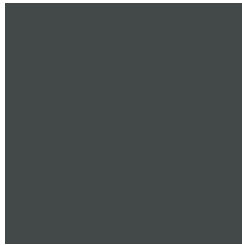
63000E



E30020

Previews

White Background



This preview shows how the Hex color 424948 looks on a white background.

Color Contrast Check

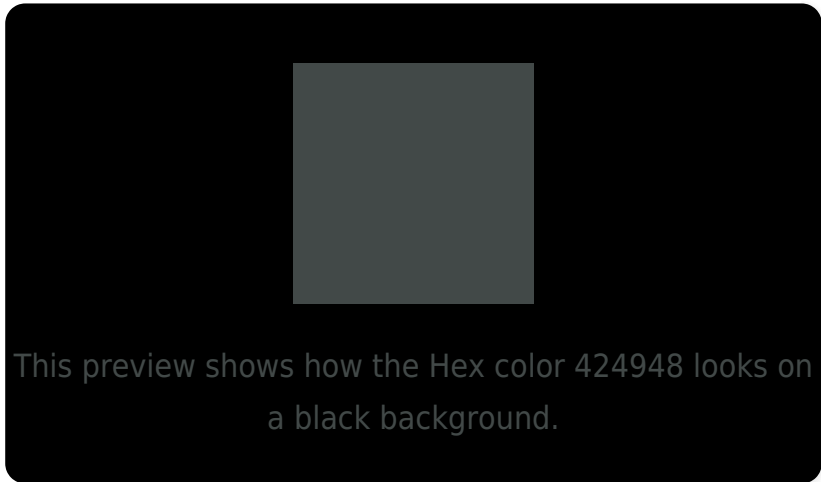
Large Text (above 18pt) WCAG AA ✓ Pass

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

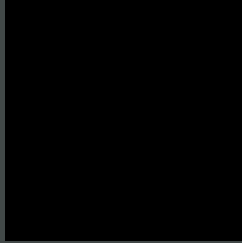
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

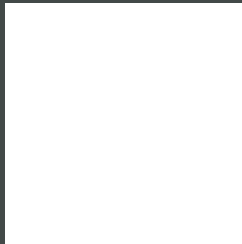
Any Text WCAG AAA × Fail

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

Hex 424948 Background



This preview shows how black text looks on a background with the Hex color 424948.

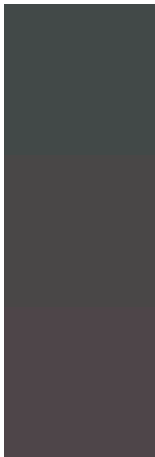


This preview shows how white text looks on a background with the Hex color 424948.

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
424948

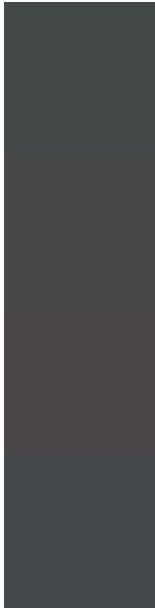
Protanopia
494747

Deuteranopia
4E4549



Tritanopia
43484E

Trichromacy



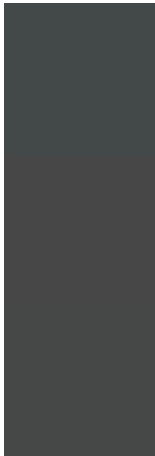
Original Color
424948

Protanomaly
464847

Deuteranomaly
4A4649

Tritanomaly
43484C

Monochromacy



Original Color
424948

Achromatopsia
474747

Achromatomaly
454847

CSS Examples

Text

The CSS property to change the color of the text to Hex 424948 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 #424948 looks like.

```
.text, #text, p{  
    color:#424948  
}
```

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 #424948 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424948
}
```

Border

The CSS property to change the border of an element to Hex 424948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

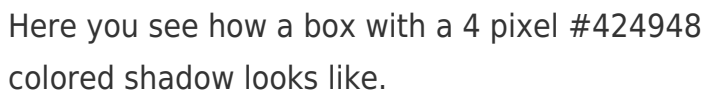
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424948 }
```

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

```
.border{ border-color:#424948 }
```

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



Here you see how a box with a 4 pixel #424948 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424948; -webkit-box-shadow:4px 4px  
4px 4px #424948; box-shadow:4px 4px 4px  
4px #424948 }
```

Background

The CSS property to change the background color of an element to Hex 424948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424948 }
```

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

```
.background{ background-color:#424948 }
```

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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