

Converting Colors

Hex(424147)

Have a look what the booklet for
Hex(424147) contains.

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Color

Hex(424147)

Conversions

Conversions Part 1

Format	Color
Hex	424147
RGB	66, 65, 71
RGB Percent	26%, 25%, 28%
CMY	0.7412, 0.7451, 0.7216
CMYK	0.07, 0.08, 0.00, 0.72
HSL	250°, 4%, 27%
HSV	250°, 8%, 28%
XYZ	5.2744, 5.3938, 6.7243
YIQ	65.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

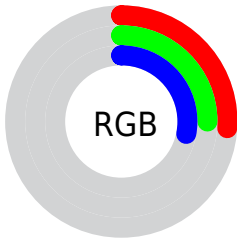
Format	Color
RYB	66, 65, 71
Decimal	4342087
CIELab	27.83, 1.80, -3.49
CIELCh	28, 3.924, 297.268
Yxy	5.3938, 0.3033, 0.3101
Android (android.graphics.Color)	4282532167 (0xFF424147)
YUV	65.9830, 2.4734, 0.0149
Hunter-Lab	23.2245, -0.1047, -0.9095

Details

The Hex color **424147** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **464741**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **727177**, and **17171C** is the 20% darker color. If you saturate the color by 10%, you get **3C3A47**, and if you desaturate by 10%, it is **484847**.

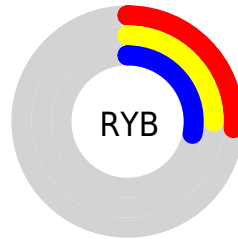
Distribution



Red (26%)

Green (25%)

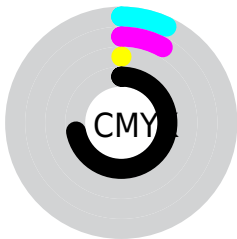
Blue (28%)



Red (26%)

Yellow (25%)

Blue (28%)

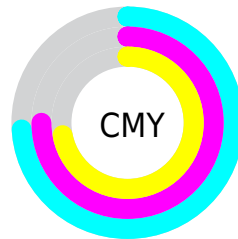


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (72%)



Cyan (74%)

Magenta (75%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 424147 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 424147 by changing the saturation by 10% instead.



424147



424147

FFFFFF



2C2B31



727177



17171C



8B8A91



000000



A6A4AB



C1C0C7



DDDBE3



F9F8FF



424147



424147



3C3A47



484847

■ 363347

■ 4E4F47

■ 302C47

■ 545647

■ 2A2547

■ 5A5D47

■ 241D47

■ 606547

■ 1F1647

■ 656C47

■ 190F47

■ 6B7347

■ 130847

■ 717A47

■ 0D0147

■ 778147

Harmonies

Analogous

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



3E4248



424147



454045

Triad

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



424147



47403D



3B4341

Complementary

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



424147



464741

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.



3E433E



424147



45413C

Square

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



424147



48403F



41423C



3A4344

Rectangle

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



424147



474043



41423C



3C4340

Sweetspot

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



424147



5A595C



414647



2C2C2E



ADADAD



2E2E2E

Same Dimension

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



424147



54535C



454147



212024



110063



2600E3

Inverse Universe

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



474146



5C535A



434741



242023



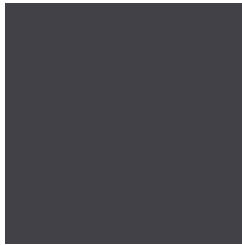
630053



E300BD

Previews

White Background



This preview shows how the Hex color 424147 looks on a white background.

Color Contrast Check

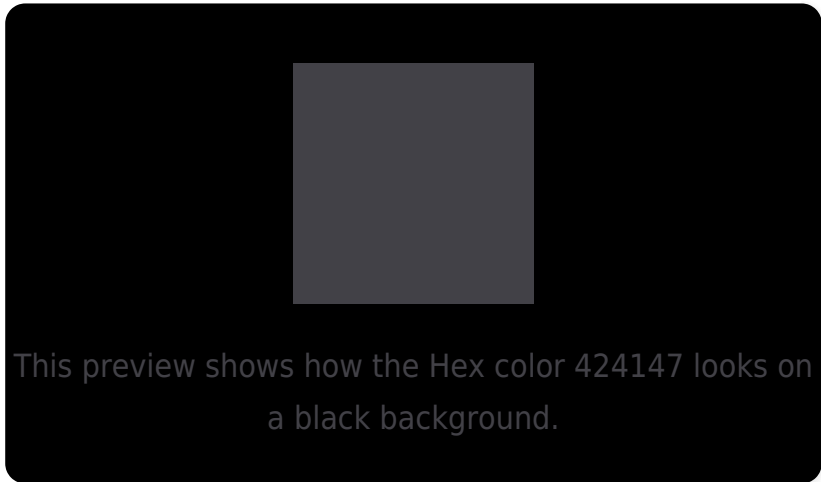
Large Text (above 18pt) WCAG AA ✓ Pass

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

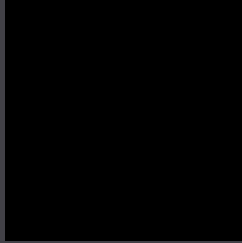
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

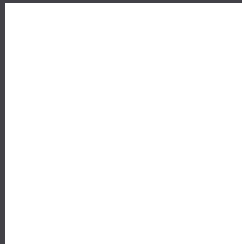
Any Text WCAG AAA × Fail

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

Hex 424147 Background



This preview shows how black text looks on a background with the Hex color 424147.



This preview shows how white text looks on a background with the Hex color 424147.

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
424147

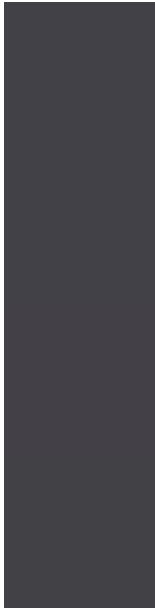
Protanopia
414147

Deuteranopia
454047



Tritanopia
424146

Trichromacy



Original Color

424147

Protanomaly

414147

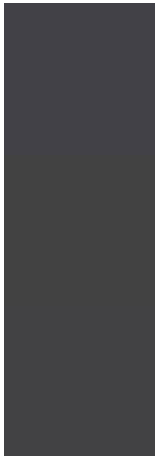
Deuteranomaly

444047

Tritanomaly

424146

Monochromacy



Original Color

424147

Achromatopsia

424242

Achromatomaly

424244

CSS Examples

Text

The CSS property to change the color of the text to Hex 424147 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 #424147 looks like.

```
.text, #text, p{  
    color:#424147  
}
```

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 #424147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #424147
}
```

Border

The CSS property to change the border of an element to Hex 424147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

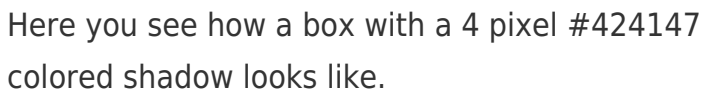
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#424147 }
```

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

```
.border{ border-color:#424147 }
```

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



Here you see how a box with a 4 pixel #424147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #424147; -webkit-box-shadow:4px 4px  
4px 4px #424147; box-shadow:4px 4px 4px  
4px #424147 }
```

Background

The CSS property to change the background color of an element to Hex 424147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#424147 }
```

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

```
.background{ background-color:#424147 }
```

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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