

Converting Colors

Hex(434D3E)

Have a look what the booklet for
Hex(434D3E) contains.

Hex(434D3E)	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(434D3E)

Conversions

Conversions Part 1

Format	Color
Hex	434D3E
RGB	67, 77, 62
RGB Percent	26%, 30%, 24%
CMY	0.7373, 0.6980, 0.7569
CMYK	0.13, 0.00, 0.19, 0.70
HSL	100°, 11%, 27%
HSV	100°, 19%, 30%
XYZ	5.8381, 6.8488, 5.5717
YIQ	72.3000, -1.1450, -6.7850

Conversions

Conversions Part 2

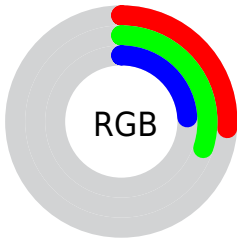
Format	Color
RYB	62, 77, 72
Decimal	4410686
CIELab	31.46, -7.29, 7.58
CIElCh	31, 10.515, 133.900
Yxy	6.8488, 0.3197, 0.3751
Android (android.graphics.Color)	4282600766 (0xFF434D3E)
YUV	72.3000, -5.0779, -4.6481
Hunter-Lab	26.1703, -5.9779, 5.6963

Details

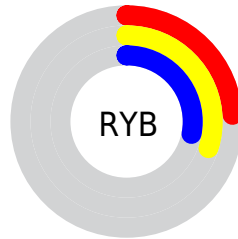
The Hex color **434D3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **483E4D**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **737E6E**, and **182114** is the 20% darker color. If you saturate the color by 10%, you get **3E4D36**, and if you desaturate by 10%, it is **484D46**.

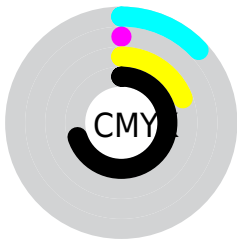
Distribution



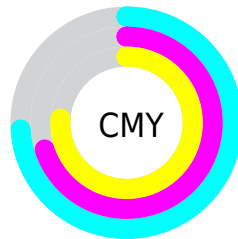
- Red (26%)
- Green (30%)
- Blue (24%)



- Red (24%)
- Yellow (30%)
- Blue (28%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (70%)



- Cyan (74%)
- Magenta (70%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434D3E 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 434D3E by changing the saturation by 10% instead.

■ 434D3E

■ 434D3E

FFFFFF

■ 2D3628

■ 737E6E

■ 182114

■ 8D9887

■ 000A00

■ A7B3A1

■ 000000

■ C2CEBC

■ DEEAD8

■ FBFFF4

■ 434D3E

■ 434D3E

■ 3E4D36

■ 484D46

■ 394D2F

■ 4D4D4D

■ 344D27

■ 524D55

■ 2E4D1F

■ 584D5D

■ 294D18

■ 5D4D65

■ 244D10

■ 624D6C

■ 1F4D08

■ 674D74

■ 1A4D00

■ 6C4D7C

■ 714D83

Harmonies

Analogous

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



4C4B3A



434D3E



3A4E45

Triad

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



434D3E



3B4C5A



5B4446

Complementary

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



434D3E



483E4D

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.



58454F



434D3E



46495A

Square

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



434D3E



354E55



504756



5A463F

Rectangle

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



434D3E



364F4B



504756



5B4449

Sweetspot

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



434D3E



5F635D



4D483E



31332F



B3B3B3



333333

Same Dimension

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



434D3E



54634D



3E4D40



242622



226600



4DE600

Inverse Universe

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



483E4D



5C4D63



4D3E4A



252226



440066



9900E6

Previews

White Background



This preview shows how the Hex color 434D3E looks on a white background.

Color Contrast Check

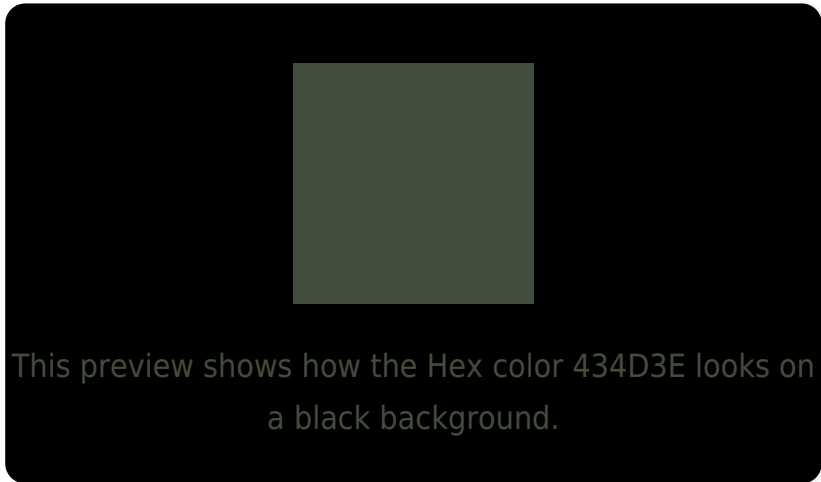
Large Text (above 18pt) WCAG AA ✓ Pass

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

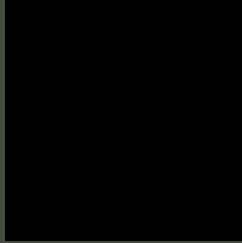
Any Text WCAG AA × Fail

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 434D3E Background



This preview shows how black text looks on a background with the Hex color 434D3E.



This preview shows how white text looks on a background with the Hex color 434D3E.

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](#).

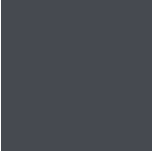
Dichromacy



Original Color
434D3E

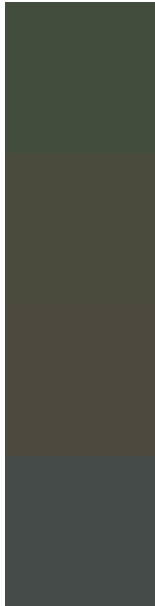
Protanopia
4E4A3C

Deuteranopia
55473F



Tritanopia
464A50

Trichromacy



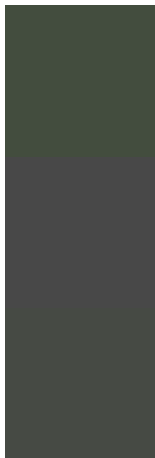
Original Color
434D3E

Protanomaly
4A4B3D

Deuteranomaly
4E493F

Tritanomaly
454B49

Monochromacy



Original Color
434D3E

Achromatopsia
484848

Achromatomaly
464A44

CSS Examples

Text

The CSS property to change the color of the text to Hex 434D3E 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 #434D3E looks like.

```
.text, #text, p{  
    color:#434D3E  
}
```

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 #434D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434D3E
}
```

Border

The CSS property to change the border of an element to Hex 434D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

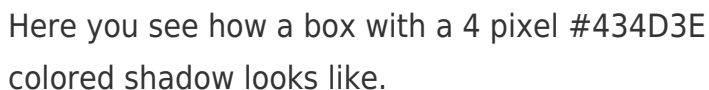
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434D3E }
```

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

```
.border{ border-color:#434D3E }
```

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



Here you see how a box with a 4 pixel #434D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434D3E; -webkit-box-shadow:4px 4px  
4px 4px #434D3E; box-shadow:4px 4px 4px  
4px #434D3E }
```

Background

The CSS property to change the background color of an element to Hex 434D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434D3E }
```

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

```
.background{ background-color:#434D3E }
```

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