

Converting Colors

Hex(434A51)

Have a look what the booklet for
Hex(434A51) contains.

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Color

Hex(434A51)

Conversions

Conversions Part 1

Format	Color
Hex	434A51
RGB	67, 74, 81
RGB Percent	26%, 29%, 32%
CMY	0.7373, 0.7098, 0.6824
CMYK	0.17, 0.09, 0.00, 0.68
HSL	210°, 9%, 29%
HSV	210°, 17%, 32%
XYZ	6.2487, 6.6849, 8.7456
YIQ	72.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

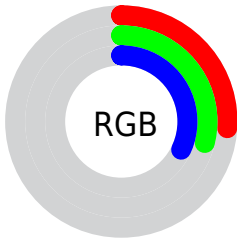
Format	Color
RYB	67, 72, 81
Decimal	4409937
CIELab	31.08, -1.13, -5.12
CIElCh	31, 5.244, 257.611
Yxy	6.6849, 0.2882, 0.3084
Android (android.graphics.Color)	4282600017 (0xFF434A51)
YUV	72.7050, 4.0894, -5.0033
Hunter-Lab	25.8552, -2.1066, -1.9562

Details

The Hex color **434A51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514A43**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **737B82**, and **181E24** is the 20% darker color. If you saturate the color by 10%, you get **3B4651**, and if you desaturate by 10%, it is **4B4E51**.

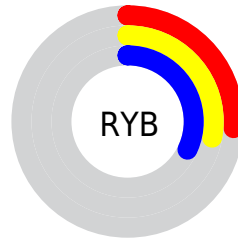
Distribution



Red (26%)

Green (29%)

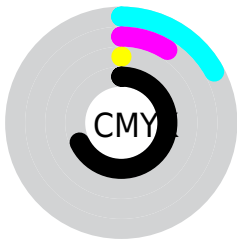
Blue (32%)



Red (26%)

Yellow (28%)

Blue (32%)

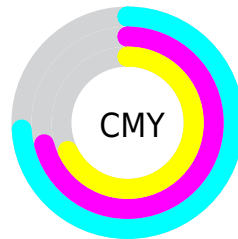


Cyan (17%)

Magenta (9%)

Yellow (0%)

Black (68%)



Cyan (74%)

Magenta (71%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434A51 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 434A51 by changing the saturation by 10% instead.



434A51



434A51

FFFFFF



2D333A



737B82



181E24



8D949C



00050F



A7AFB7



000000



C2CAD3



DEE6EF



FBFFFF



434A51



434A51



3B4651



4B4E51

■ 334251

■ 535251

■ 2B3E51

■ 5B5651

■ 233A51

■ 635A51

■ 1A3651

■ 6C5E51

■ 123251

■ 746251

■ 0A2E51

■ 7C6651

■ 022A51

■ 846A51

■ 002951

■ 8C6E51

Harmonies

Analogous

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



404B4F



434A51



484951

Triad

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



434A51



524647



454B44

Complementary

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



434A51



514A43

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.



4A4A41



434A51



514743

Square

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



434A51



51474B



4E4841



414B47

Rectangle

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



434A51



4B4850



4E4841



474A43

Sweetspot

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



434A51



636669



43514A



323436



B5B5B5



363636

Same Dimension

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



434A51



535E69



434351



252729



003469



0074E8

Inverse Universe

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



51434A



69535E



515143



292527



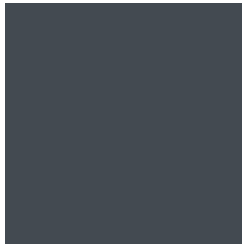
690034



E80074

Previews

White Background



This preview shows how the Hex color 434A51 looks on a white background.

Color Contrast Check

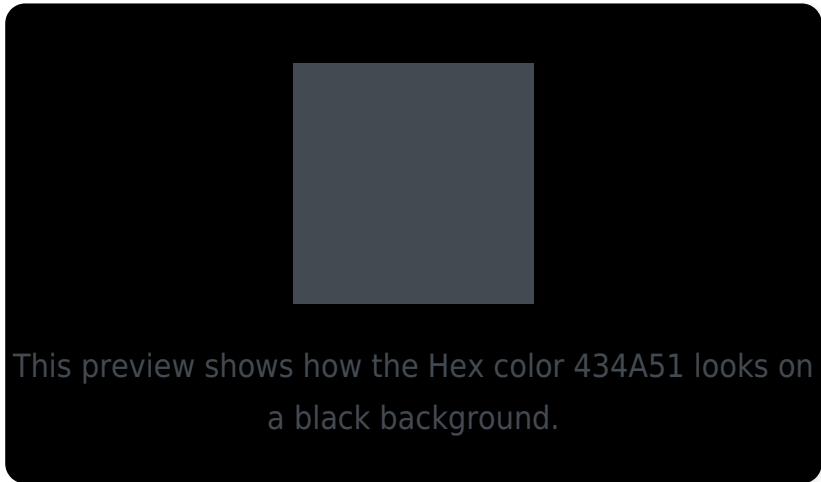
Large Text (above 18pt) WCAG AA ✓ Pass

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

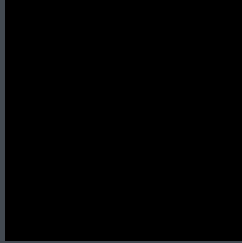
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

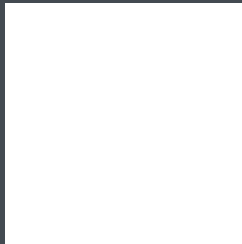
Any Text WCAG AAA × Fail

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

Hex 434A51 Background



This preview shows how black text looks on a background with the Hex color 434A51.



This preview shows how white text looks on a background with the Hex color 434A51.

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
434A51

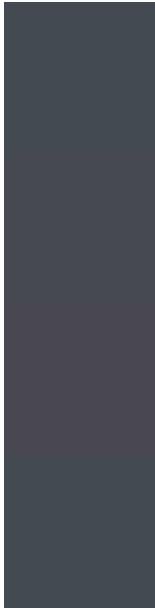
Protanopia
484950

Deuteranopia
4C4752



Tritanopia
434A50

Trichromacy



Original Color
434A51

Protanomaly
464950

Deuteranomaly
494852

Tritanomaly
434A50

Monochromacy



Original Color
434A51

Achromatopsia
494949

Achromatomaly
47494C

CSS Examples

Text

The CSS property to change the color of the text to Hex 434A51 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 #434A51 looks like.

```
.text, #text, p{  
    color:#434A51  
}
```

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 #434A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434A51
}
```

Border

The CSS property to change the border of an element to Hex 434A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

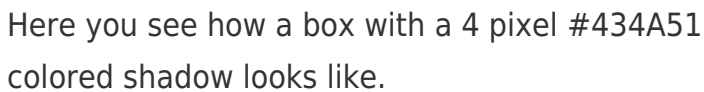
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434A51 }
```

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

```
.border{ border-color:#434A51 }
```

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



Here you see how a box with a 4 pixel #434A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434A51; -webkit-box-shadow:4px 4px  
4px 4px #434A51; box-shadow:4px 4px 4px  
4px #434A51 }
```

Background

The CSS property to change the background color of an element to Hex 434A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434A51 }
```

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

```
.background{ background-color:#434A51 }
```

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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