

Converting Colors

Hex(434B51)

Have a look what the booklet for
Hex(434B51) contains.

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Color

Hex(434B51)

Conversions

Conversions Part 1

Format	Color
Hex	434B51
RGB	67, 75, 81
RGB Percent	26%, 29%, 32%
CMY	0.7373, 0.7059, 0.6824
CMYK	0.17, 0.07, 0.00, 0.68
HSL	206°, 9%, 29%
HSV	206°, 17%, 32%
XYZ	6.3160, 6.8195, 8.7680
YIQ	73.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

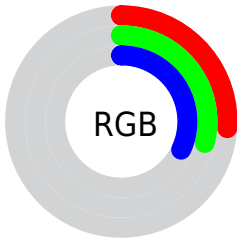
Format	Color
RYB	67, 72, 81
Decimal	4410193
CIELab	31.39, -1.76, -4.65
CIElCh	31, 4.975, 249.330
Yxy	6.8195, 0.2884, 0.3113
Android (android.graphics.Color)	4282600273 (0xFF434B51)
YUV	73.2920, 3.8000, -5.5181
Hunter-Lab	26.1142, -2.5277, -1.6270

Details

The Hex color **434B51** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **514943**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **737C82**, and **181F25** is the 20% darker color. If you saturate the color by 10%, you get **3B4851**, and if you desaturate by 10%, it is **4B4E51**.

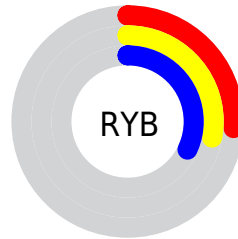
Distribution



Red (26%)

Green (29%)

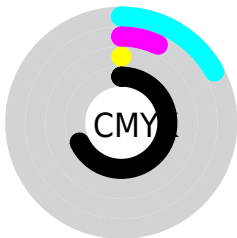
Blue (32%)



Red (26%)

Yellow (28%)

Blue (32%)

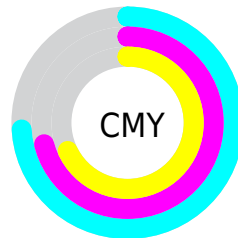


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (68%)



Cyan (74%)

Magenta (71%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434B51 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 434B51 by changing the saturation by 10% instead.



434B51



434B51

FFFFFF



2D343A



737C82



181F25



8D959C



00070F



A7B0B7



000000



C2CCD3



DEE8EF



FBFFFF



434B51



434B51



3B4851



4B4E51

■ 334451

■ 535251

■ 2B4151

■ 5B5551

■ 233D51

■ 635951

■ 1A3A51

■ 6C5C51

■ 123651

■ 746051

■ 0A3351

■ 7C6351

■ 022F51

■ 846751

■ 002E51

■ 8C6A51

Harmonies

Analogous

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



414C4F



434B51



474A51

Triad

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



434B51



524749



474B44

Complementary

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



434B51



514943

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.



4C4A42



434B51



524845

Square

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



434B51



50484D



504943



434C47

Rectangle

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



434B51



4B4951



504943



494B43

Sweetspot

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



434B51



636669



435149



323436



B5B5B5



363636

Same Dimension

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



434B51



535F69



434451



252729



003C69



0085E8

Inverse Universe

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



51434B



69535F



515043



292527



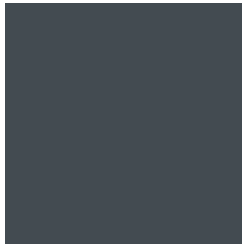
69003C



E80085

Previews

White Background



This preview shows how the Hex color 434B51 looks on a white background.

Color Contrast Check

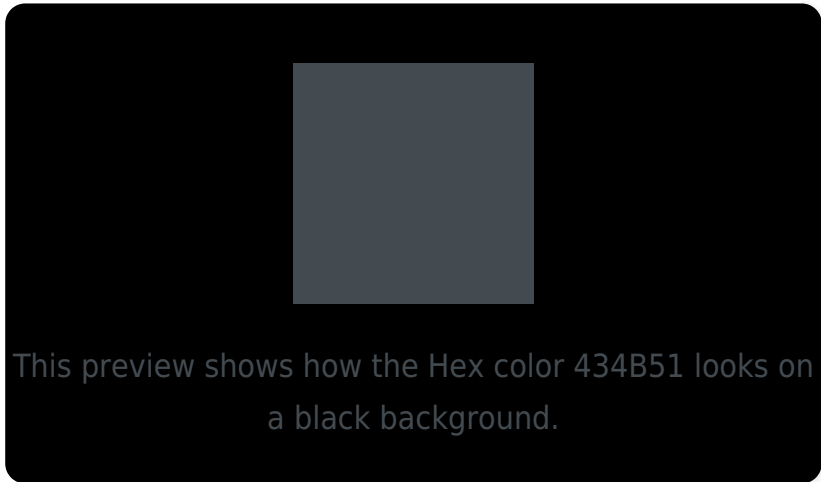
Large Text (above 18pt) WCAG AA ✓ Pass

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

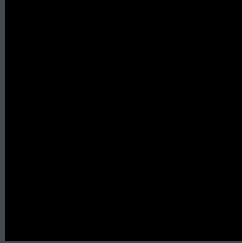
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

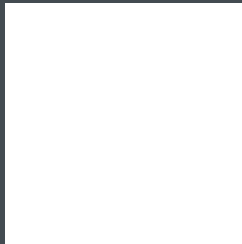
Any Text WCAG AAA × Fail

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

Hex 434B51 Background



This preview shows how black text looks on a background with the Hex color 434B51.

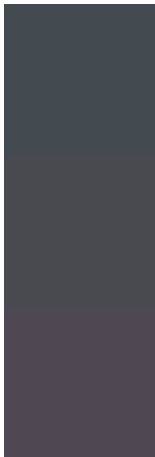


This preview shows how white text looks on a background with the Hex color 434B51.

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
434B51

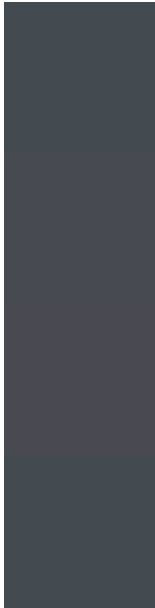
Protanopia
494950

Deuteranopia
4D4852



Tritanopia
434B51

Trichromacy



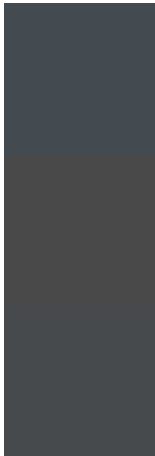
Original Color
434B51

Protanomaly
474A50

Deuteranomaly
494952

Tritanomaly
434B51

Monochromacy



Original Color
434B51

Achromatopsia
494949

Achromatomaly
474A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 434B51 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 #434B51 looks like.

```
.text, #text, p{  
    color:#434B51  
}
```

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 #434B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434B51  
}
```

Border

The CSS property to change the border of an element to Hex 434B51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

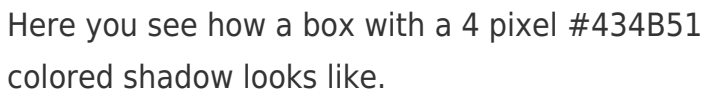
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#434B51 }
```

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

```
.border{ border-color:#434B51 }
```

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



Here you see how a box with a 4 pixel #434B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434B51; -webkit-box-shadow:4px 4px  
4px 4px #434B51; box-shadow:4px 4px 4px  
4px #434B51 }
```

Background

The CSS property to change the background color of an element to Hex 434B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434B51 }
```

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

```
.background{ background-color:#434B51 }
```

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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