

Converting Colors

Hex(434861)

Have a look what the booklet for
Hex(434861) contains.

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Color

Hex(434861)

Conversions

Conversions Part 1

Format	Color
Hex	434861
RGB	67, 72, 97
RGB Percent	26%, 28%, 38%
CMY	0.7373, 0.7176, 0.6196
CMYK	0.31, 0.26, 0.00, 0.62
HSL	230°, 18%, 32%
HSV	230°, 31%, 38%
XYZ	6.7898, 6.6911, 12.2429
YIQ	73.3550, -11.0050, 6.7150

Conversions

Conversions Part 2

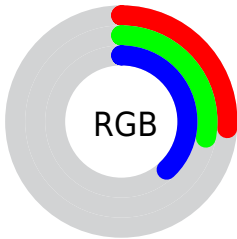
Format	Color
RYB	67, 71, 97
Decimal	4409441
CIELab	31.09, 4.48, -15.34
CIElCh	31, 15.977, 286.271
Yxy	6.6911, 0.2639, 0.2601
Android (android.graphics.Color)	4282599521 (0xFF434861)
YUV	73.3550, 11.6570, -5.5733
Hunter-Lab	25.8671, 1.5863, -9.9549

Details

The Hex color **434861** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **615C43**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **747894**, and **161D33** is the 20% darker color. If you saturate the color by 10%, you get **394061**, and if you desaturate by 10%, it is **4D5061**.

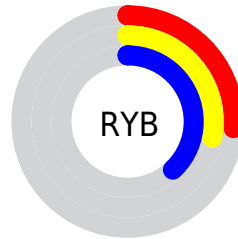
Distribution



Red (26%)

Green (28%)

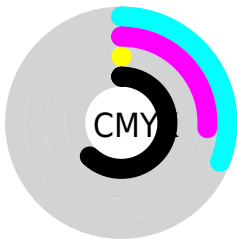
Blue (38%)



Red (26%)

Yellow (28%)

Blue (38%)

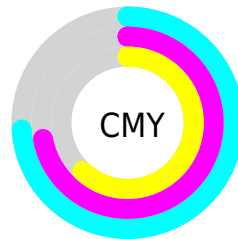


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (72%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434861 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 434861 by changing the saturation by 10% instead.

■ 434861

■ 434861

FFFFFF

■ 2C3249

■ 747894

■ 161D33

■ 8E92AE

■ 00021E

■ A8ADCA

■ 000000

■ C4C8E6

■ E0E4FF

■ FCFFFF

■ 434861

■ 434861

■ 394061

■ 4D5061

■ 303861

■ 565861

■ 263061

■ 606061

■ 1C2861

■ 6A6861

■ 122061

■ 737061

■ 091861

■ 7D7961

■ 001061

■ 878161

■ 918961

■ 9A9161

Harmonies

Analogous

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



314C61



434861



53445B

Triad

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



434861



604238



2F5043

Complementary

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



434861



615C43

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.



3D4E38



434861



574631

Square

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



434861



624043



4B4B31



245050

Rectangle

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



434861



5B4153



4B4B31



334F3F

Sweetspot

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



434861



72747D



43615C



393A40



BFBFBF



404040

Same Dimension

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



434861



4F567D



4D4361



2C2C30



001370



0028F0

Inverse Universe

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



614348



7D4F56



576143



302C2C



700013



F00028

Previews

White Background



This preview shows how the Hex color 434861 looks on a white background.

Color Contrast Check

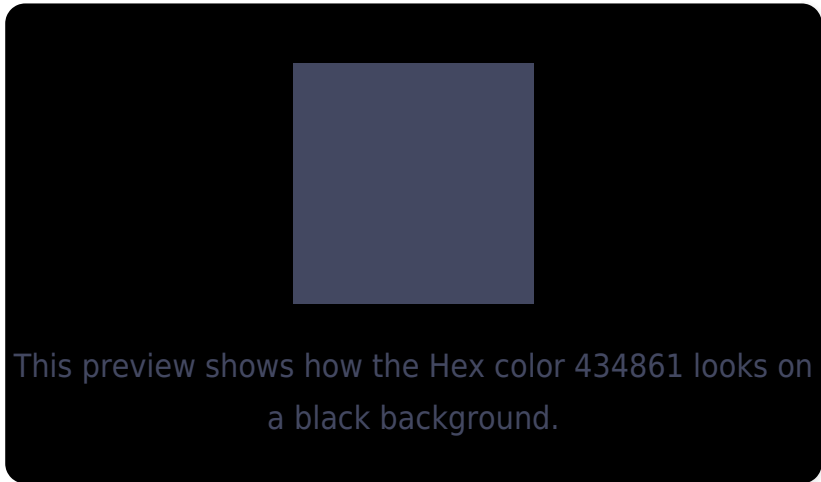
Large Text (above 18pt) WCAG AA ✓ Pass

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

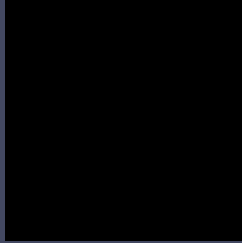
Any Text WCAG AA × Fail

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 434861 Background



This preview shows how black text looks on a background with the Hex color 434861.

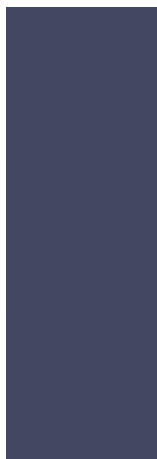


This preview shows how white text looks on a background with the Hex color 434861.

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
434861

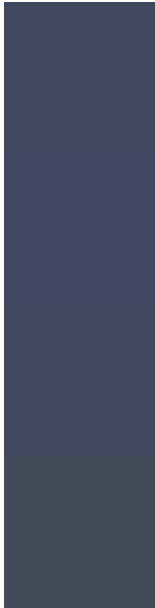
Protanopia
424861

Deuteranopia
434861



Tritanopia
404B51

Trichromacy



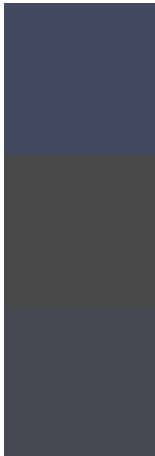
Original Color
434861

Protanomaly
424861

Deuteranomaly
434861

Tritanomaly
414A57

Monochromacy



Original Color
434861

Achromatopsia
494949

Achromatomaly
474952

CSS Examples

Text

The CSS property to change the color of the text to Hex 434861 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 #434861 looks like.

```
.text, #text, p{  
    color:#434861  
}
```

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 #434861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434861  
}
```

Border

The CSS property to change the border of an element to Hex 434861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

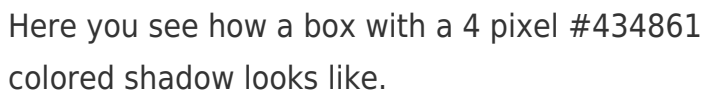
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#434861 }
```

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

```
.border{ border-color:#434861 }
```

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



Here you see how a box with a 4 pixel #434861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434861; -webkit-box-shadow:4px 4px  
4px 4px #434861; box-shadow:4px 4px 4px  
4px #434861 }
```

Background

The CSS property to change the background color of an element to Hex 434861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434861 }
```

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

```
.background{ background-color:#434861 }
```

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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