

# Converting Colors

Hex(434A61)

Have a look what the booklet for  
Hex(434A61) contains.

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# Color

**Hex(434A61)**

# Conversions

## Conversions Part 1

Format	Color
Hex	434A61
RGB	67, 74, 97
RGB Percent	26%, 29%, 38%
CMY	0.7373, 0.7098, 0.6196
CMYK	0.31, 0.24, 0.00, 0.62
HSL	226°, 18%, 32%
HSV	226°, 31%, 38%
XYZ	6.9212, 6.9539, 12.2867
YIQ	74.5290, -11.5550, 5.6690

# Conversions

## Conversions Part 2

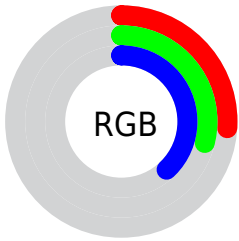
Format	Color
<a href="#">RYB</a>	<a href="#">67, 73, 97</a>
Decimal	<a href="#">4409953</a>
CIELab	<a href="#">31.70, 3.18, -14.40</a>
CIELCh	<a href="#">32, 14.750, 282.461</a>
Yxy	<a href="#">6.9539, 0.2646, 0.2658</a>
Android (android.graphics.Color)	<a href="#">4282600033 (0xFF434A61)</a>
YUV	<a href="#">74.5290, 11.0782, -6.6029</a>
Hunter-Lab	<a href="#">26.3703, 0.7014, -9.1658</a>

# Details

The Hex color **434A61** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **615A43**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **747B94**, and **161E33** is the 20% darker color. If you saturate the color by 10%, you get **394361**, and if you desaturate by 10%, it is **4D5161**.

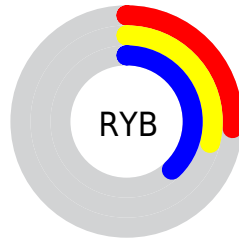
# Distribution



Red (26%)

Green (29%)

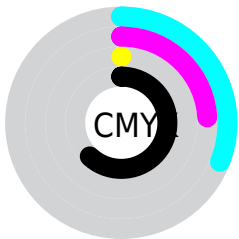
Blue (38%)



Red (26%)

Yellow (29%)

Blue (38%)

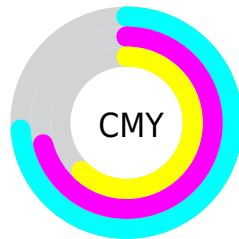


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (62%)



Cyan (74%)

Magenta (71%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 434A61 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 434A61 by changing the saturation by 10% instead.





434A61



434A61

FFFFFF



2C3349



747B94



161E33



8E94AE



00051E



A8AFCA



000000



C4CAE6



E0E6FF



FCFFFF



434A61



434A61



394361



4D5161

■ 303B61

■ 565961

■ 263461

■ 606061

■ 1C2C61

■ 6A6861

■ 122561

■ 736F61

■ 091D61

■ 7D7761

■ 001761

■ 877E61

■ 918561

■ 9A8D61

# Harmonies

## Analogous

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



334E60



434A61



52465C

# Triad

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



434A61



60443B



345143

# Complementary

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



434A61



615A43

# 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.



414F39



434A61



594835

# Square

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



434A61



624246



4E4B34



2A514F

# Rectangle

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



434A61



5A4455



4E4B34



385040



# Sweetspot

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



434A61



72747D



43615A



393A40



BFBFBF



404040



# Same Dimension

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



434A61



4F5A7D



4B4361



2C2D30



001A70



0038F0



# Inverse Universe

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



61434A



7D4F5A



596143



302C2D



70001A

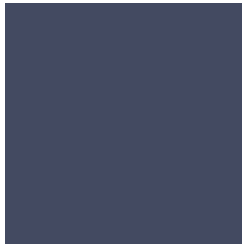


F00038



# Previews

## White Background



This preview shows how the Hex color 434A61 looks on a white background.

## Color Contrast Check

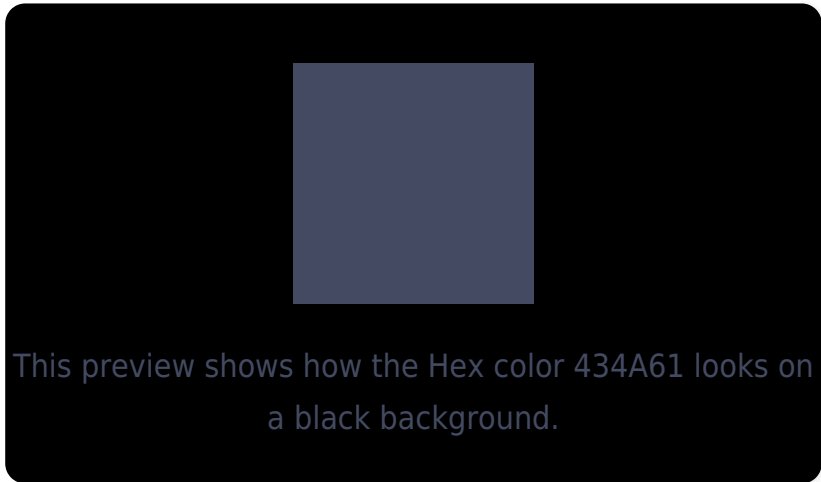
Large Text (above 18pt) WCAG AA ✓ Pass

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

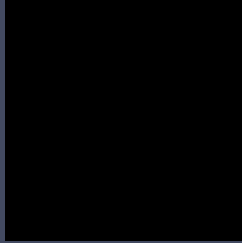
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 434A61 Background



This preview shows how black text looks on a background with the Hex color 434A61.

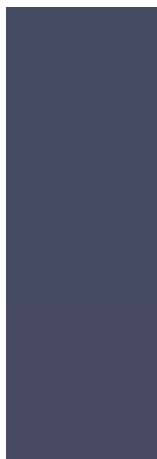


This preview shows how white text looks on a background with the Hex color 434A61.

# 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**

434A61

**Protanopia**

444A61

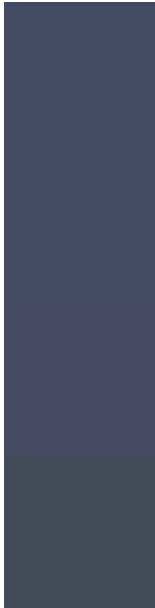
**Deuteranopia**

464961



**Tritanopia**  
404D53

# Trichromacy



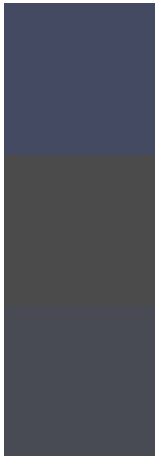
**Original Color**  
434A61

**Protanomaly**  
444A61

**Deuteranomaly**  
454961

**Tritanomaly**  
414C58

# Monochromacy



**Original Color**  
434A61

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
484B53

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 434A61 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 #434A61 looks like.

```
.text, #text, p{  
    color:#434A61  
}
```

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 #434A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434A61
}
```

## Border

The CSS property to change the border of an element to Hex 434A61 is called "border". The border property can be set on classes, ids or directly on the HTML element.

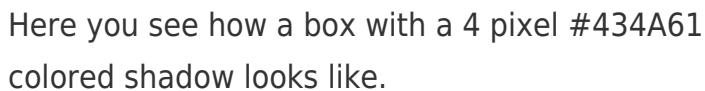
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434A61 }
```

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

```
.border{ border-color:#434A61 }
```

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



Here you see how a box with a 4 pixel #434A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434A61; -webkit-box-shadow:4px 4px  
4px 4px #434A61; box-shadow:4px 4px 4px  
4px #434A61 }
```

# Background

The CSS property to change the background color of an element to Hex 434A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434A61 }
```

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

```
.background{ background-color:#434A61 }
```

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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