

Converting Colors

Hex(434E57)

Have a look what the booklet for
Hex(434E57) contains.

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Color

Hex(434E57)

Conversions

Conversions Part 1

Format	Color
Hex	434E57
RGB	67, 78, 87
RGB Percent	26%, 31%, 34%
CMY	0.7373, 0.6941, 0.6588
CMYK	0.23, 0.10, 0.00, 0.66
HSL	207°, 13%, 30%
HSV	207°, 23%, 34%
XYZ	6.7594, 7.3302, 10.0754
YIQ	75.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

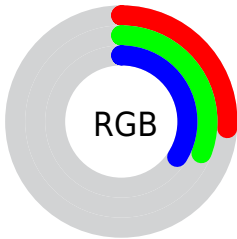
Format	Color
RYB	67, 74, 87
Decimal	4410967
CIELab	32.55, -2.10, -6.76
CIELCh	33, 7.079, 252.739
Yxy	7.3302, 0.2797, 0.3033
Android (android.graphics.Color)	4282601047 (0xFF434E57)
YUV	75.7370, 5.5527, -7.6623
Hunter-Lab	27.0743, -2.8154, -3.1121

Details

The Hex color **434E57** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **574C43**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **737F89**, and **17222A** is the 20% darker color. If you saturate the color by 10%, you get **3A4A57**, and if you desaturate by 10%, it is **4C5257**.

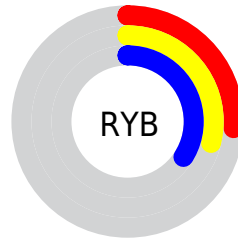
Distribution



Red (26%)

Green (31%)

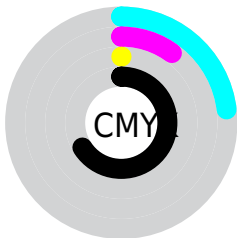
Blue (34%)



Red (26%)

Yellow (29%)

Blue (34%)

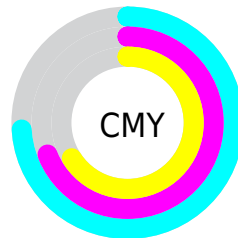


Cyan (23%)

Magenta (10%)

Yellow (0%)

Black (66%)



Cyan (74%)

Magenta (69%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434E57 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 434E57 by changing the saturation by 10% instead.



434E57



434E57

FFFFFF



2D3740



737F89



17222A



8D99A3



000C16



A7B4BE



000000



C3CFDA



DFEBF6



FBFFFF



434E57



434E57



3A4A57



4C5257

■ 324657

■ 545657

■ 294257

■ 5D5A57

■ 203E57

■ 665E57

■ 173A57

■ 6F6257

■ 0F3757

■ 776557

■ 063357

■ 806957

■ 003057

■ 896D57

■ 917157

Harmonies

Analogous

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



3F4F54



434E57



4A4C57

Triad

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



434E57



58494A



484F44

Complementary

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



434E57



574C43

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.



4F4D42



434E57



584A45

Square

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



434E57



564950



544B42



425049

Rectangle

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



434E57



4E4B56



544B42



4A4E43

Sweetspot

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



434E57



686D70



43574C



343638



B8B8B8



383838

Same Dimension

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



434E57



516270



434457



27292B



003B6B



0081EB

Inverse Universe

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



57434E



705162



575643



2B2729



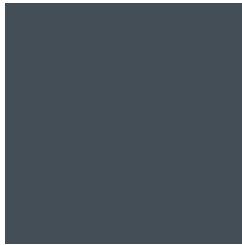
6B003B



EB0081

Previews

White Background



This preview shows how the Hex color 434E57 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

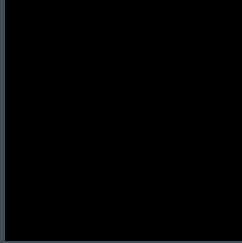
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

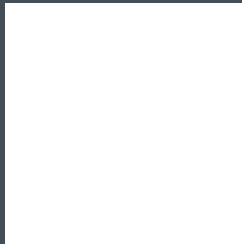
Any Text WCAG AAA × Fail

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

Hex 434E57 Background



This preview shows how black text looks on a background with the Hex color 434E57.



This preview shows how white text looks on a background with the Hex color 434E57.

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
434E57

Protanopia
4B4C56

Deuteranopia
4E4B58



Tritanopia
434E55

Trichromacy



Original Color

434E57

Protanomaly

484D56

Deuteranomaly

4A4C58

Tritanomaly

434E56

Monochromacy



Original Color

434E57

Achromatopsia

4C4C4C

Achromatomaly

494D50

CSS Examples

Text

The CSS property to change the color of the text to Hex 434E57 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 #434E57 looks like.

```
.text, #text, p{  
    color:#434E57  
}
```

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 #434E57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434E57
}
```

Border

The CSS property to change the border of an element to Hex 434E57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

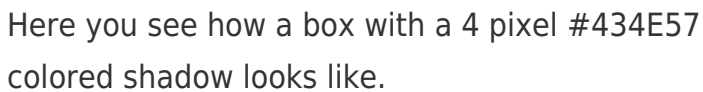
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434E57 }
```

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

```
.border{ border-color:#434E57 }
```

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



Here you see how a box with a 4 pixel #434E57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434E57; -webkit-box-shadow:4px 4px  
4px 4px #434E57; box-shadow:4px 4px 4px  
4px #434E57 }
```

Background

The CSS property to change the background color of an element to Hex 434E57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434E57 }
```

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

```
.background{ background-color:#434E57 }
```

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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