

# Converting Colors

Hex(435B54)

Have a look what the booklet for  
Hex(435B54) contains.

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# Color

Hex(435B54)

# Conversions

## Conversions Part 1

Format	Color
Hex	435B54
RGB	67, 91, 84
RGB Percent	26%, 36%, 33%
CMY	0.7373, 0.6431, 0.6706
CMYK	0.26, 0.00, 0.08, 0.64
HSL	162°, 15%, 31%
HSV	162°, 26%, 36%
XYZ	7.6561, 9.3156, 9.7821
YIQ	83.0260, -12.0570, -7.2650

# Conversions

## Conversions Part 2

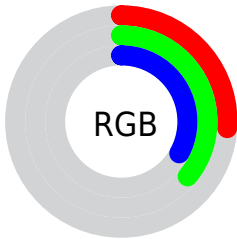
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 81, 91
Decimal	4414292
CIELab	36.58, -10.72, 1.09
CIELCh	37, 10.778, 174.203
Yxy	9.3156, 0.2862, 0.3482
Android (android.graphics.Color)	4282604372 (0xFF435B54)
YUV	83.0260, 0.4802, -14.0548
Hunter-Lab	30.5214, -8.6371, 2.3626

# Details

The Hex color **435B54** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B434A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **748D85**, and **172D27** is the 20% darker color. If you saturate the color by 10%, you get **3A5B51**, and if you desaturate by 10%, it is **4C5B57**.

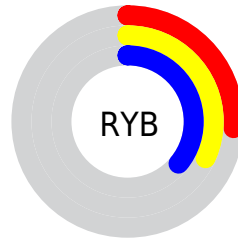
# Distribution



Red (26%)

Green (36%)

Blue (33%)



Red (26%)

Yellow (32%)

Blue (36%)

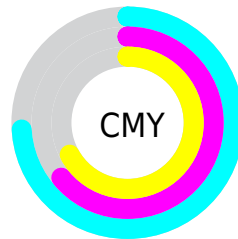


Cyan (26%)

Magenta (0%)

Yellow (8%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435B54 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 435B54 by changing the saturation by 10% instead.





435B54



435B54

FFFFFF



2C433D



748D85



172D27



8DA8A0



001913



A8C3BB



000000



C3DFD6



DFFBF3



FCFFFF



435B54



435B54



3A5B51



4C5B57

■ 315B4F

■ 555B59

■ 285B4C

■ 5E5B5C

■ 1F5B49

■ 675B5F

■ 155B47

■ 715B61

■ 0C5B44

■ 7A5B64

■ 035B41

■ 835B67

■ 005B40

■ 8C5B69

■ 955B6C

# Harmonies

## Analogous

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



4B5A4C



435B54



3F5B5D

# Triad

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



435B54



565466



655248

# Complementary

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



435B54



5B434A

# 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.



68504F



435B54



605260

# Square

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



435B54



4A5767



665058



5F5545

# Rectangle

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



435B54



405A62



665058



67514A



# Sweetspot

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



435B54



6C7573



4A5B43



353B39



BABABA



3B3B3B



# Same Dimension

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



435B54



50756A



43565B



292E2D



006E4E



00EDA8



# Inverse Universe

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



5B434A



75505B



5B4843



2E292B



6E0020



ED0045



# Previews

## White Background



This preview shows how the Hex color 435B54 looks on a white background.

## Color Contrast Check

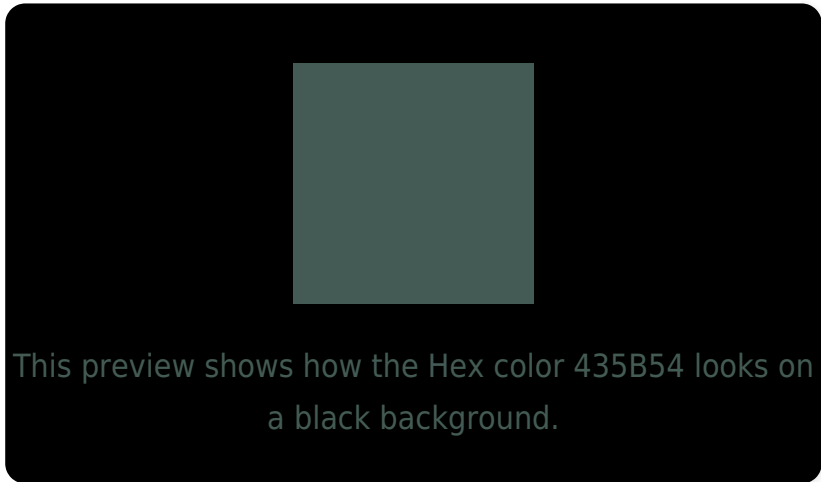
Large Text (above 18pt) WCAG AA ✓ Pass

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

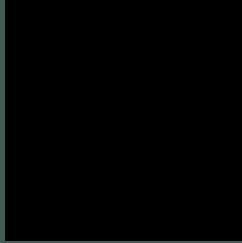
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

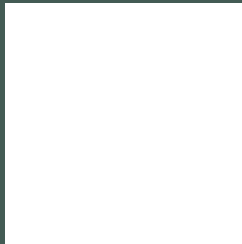
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 435B54 Background



This preview shows how black text looks on a background with the Hex color 435B54.



This preview shows how white text looks on a background with the Hex color 435B54.

# 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**  
435B54

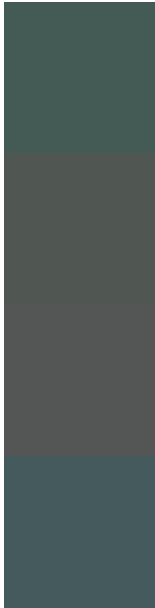
**Protanopia**  
585551

**Deuteranopia**  
5E5356



**Tritanopia**  
465960

# Trichromacy



**Original Color**  
435B54

**Protanomaly**  
505752

**Deuteranomaly**  
545655

**Tritanomaly**  
455A5C

# Monochromacy



**Original Color**  
435B54

**Achromatopsia**  
535353

**Achromatomaly**  
4D5653

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435B54 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 #435B54 looks like.

```
.text, #text, p{  
    color:#435B54  
}
```

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 #435B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435B54
}
```

## Border

The CSS property to change the border of an element to Hex 435B54 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
#435B54 }
```

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

```
.border{ border-color:#435B54 }
```

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

Here you see how a box with a 4 pixel #435B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435B54; -webkit-box-shadow:4px 4px  
4px 4px #435B54; box-shadow:4px 4px 4px  
4px #435B54 }
```

# Background

The CSS property to change the background color of an element to Hex 435B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435B54 }
```

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

```
.background{ background-color:#435B54 }
```

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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