

# Converting Colors

Hex(435F3A)

Have a look what the booklet for  
Hex(435F3A) contains.

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# Color

Hex(435F3A)

# Conversions

## Conversions Part 1

Format	Color
Hex	435F3A
RGB	67, 95, 58
RGB Percent	26%, 37%, 23%
CMY	0.7373, 0.6275, 0.7725
CMYK	0.29, 0.00, 0.39, 0.63
HSL	105°, 24%, 30%
HSV	105°, 39%, 37%
XYZ	7.1707, 9.6832, 5.4941
YIQ	82.4100, -4.8110, -17.4430

# Conversions

## Conversions Part 2

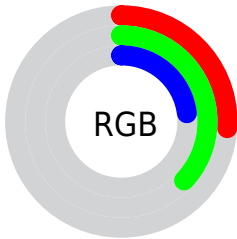
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 95, 86
Decimal	4415290
CIELab	37.27, -18.33, 17.94
CIELCh	37, 25.645, 135.622
Yxy	9.6832, 0.3209, 0.4333
Android (android.graphics.Color)	4282605370 (0xFF435F3A)
YUV	82.4100, -12.0341, -13.5146
Hunter-Lab	31.1178, -13.3234, 11.3144

# Details

The Hex color **435F3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **563A5F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **74926A**, and **16310F** is the 20% darker color. If you saturate the color by 10%, you get **3C5F30**, and if you desaturate by 10%, it is **4A5F44**.

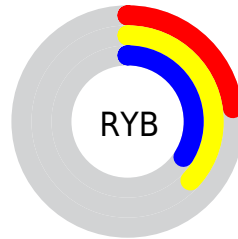
# Distribution



Red (26%)

Green (37%)

Blue (23%)



Red (23%)

Yellow (37%)

Blue (34%)

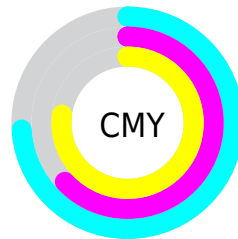


Cyan (29%)

Magenta (0%)

Yellow (39%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435F3A 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 435F3A by changing the saturation by 10% instead.



 435F3A

 435F3A

FFFFFF

 2C4724

 74926A

 16310F

 8EAC83

 001D00

 A9C89D

 000000

 C4E4B8

 E0FFD4

 F0FFF0

 435F3A

 435F3A

 3C5F30

 4A5F44

■ 355F27

■ 515F4D

■ 2D5F1D

■ 595F56

■ 265F14

■ 605F60

■ 1F5F0B

■ 675F6A

■ 185F01

■ 6E5F73

■ 175F00

■ 755F7C

■ 7D5F86

■ 845F90

# Harmonies

## Analogous

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



5A5A2F



435F3A



27624D

# Triad

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



435F3A



245D7F



80484E

# Complementary

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



435F3A



563A5F

# 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.



794863



435F3A



4B567F

# Square

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



435F3A



006175



674E75



7B4C3B

# Rectangle

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



435F3A



0C635B



674E75



7F4755



# Sweetspot

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



435F3A



6F7A6C



5F563A



373D35



BDBDBD



3D3D3D



# Same Dimension

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



435F3A



4F7A41



3A5F43



2D302C



1B7000



3AF000



# Inverse Universe

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



563A5F



6C417A



5F3A56



2F2C30



550070

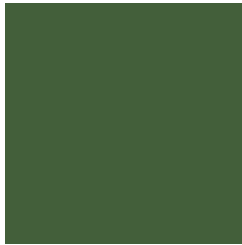


B500F0



# Previews

## White Background



This preview shows how the Hex color 435F3A looks on a white background.

## Color Contrast Check

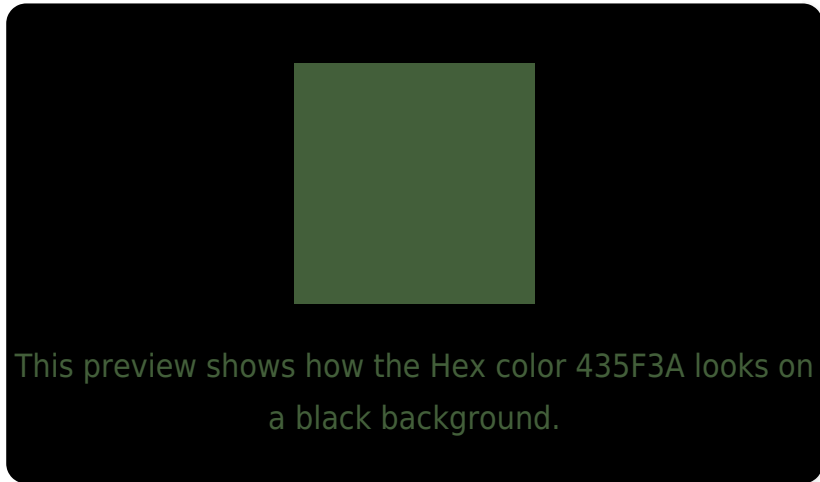
Large Text (above 18pt) WCAG AA ✓ Pass

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

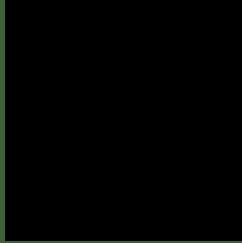
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435F3A Background



This preview shows how black text looks on a background with the Hex color 435F3A.



This preview shows how white text looks on a background with the Hex color 435F3A.

# 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](#).

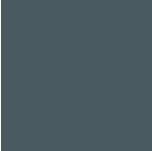
## Dichromacy



**Original Color**  
435F3A

**Protanopia**  
5F5737

**Deuteranopia**  
68543D



**Tritanopia**  
4A5A61

# Trichromacy



**Original Color**  
435F3A

**Protanomaly**  
555A38

**Deuteranomaly**  
5B583C

**Tritanomaly**  
475C53

# Monochromacy



**Original Color**  
435F3A

**Achromatopsia**  
525252

**Achromatomaly**  
4D5749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435F3A 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 #435F3A looks like.

```
.text, #text, p{  
    color:#435F3A  
}
```

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 #435F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435F3A
}
```

## Border

The CSS property to change the border of an element to Hex 435F3A 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
#435F3A }
```

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

```
.border{ border-color:#435F3A }
```

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

Here you see how a box with a 4 pixel #435F3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435F3A; -webkit-box-shadow:4px 4px  
4px 4px #435F3A; box-shadow:4px 4px 4px  
4px #435F3A }
```

# Background

The CSS property to change the background color of an element to Hex 435F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435F3A }
```

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

```
.background{ background-color:#435F3A }
```

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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