

# Converting Colors

Hex(435A30)

Have a look what the booklet for  
Hex(435A30) contains.

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# Color

Hex(435A30)

# Conversions

## Conversions Part 1

Format	Color
Hex	435A30
RGB	67, 90, 48
RGB Percent	26%, 35%, 19%
CMY	0.7373, 0.6471, 0.8118
CMYK	0.26, 0.00, 0.47, 0.65
HSL	93°, 30%, 27%
HSV	93°, 47%, 35%
XYZ	6.5044, 8.7190, 4.1364
YIQ	78.3350, -0.2260, -17.9380

# Conversions

## Conversions Part 2

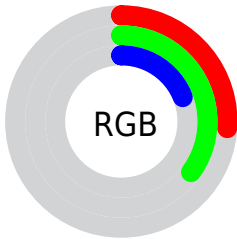
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 90, 71
Decimal	4414000
CIELab	35.44, -17.20, 21.45
CIELCh	35, 27.495, 128.719
Yxy	8.7190, 0.3360, 0.4504
Android (android.graphics.Color)	4282604080 (0xFF435A30)
YUV	78.3350, -14.9552, -9.9408
Hunter-Lab	29.5280, -12.3541, 12.3640

# Details

The Hex color **435A30** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **47305A**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **748C5F**, and **172C02** is the 20% darker color. If you saturate the color by 10%, you get **3E5A27**, and if you desaturate by 10%, it is **485A39**.

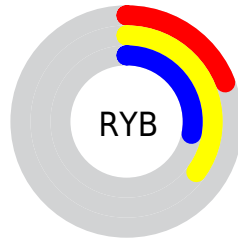
# Distribution



Red (26%)

Green (35%)

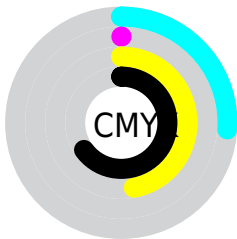
Blue (19%)



Red (19%)

Yellow (35%)

Blue (28%)

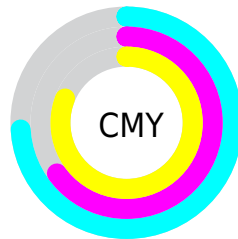


Cyan (26%)

Magenta (0%)

Yellow (47%)

Black (65%)



Cyan (74%)

Magenta (65%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435A30 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 435A30 by changing the saturation by 10% instead.



 435A30

 435A30

FFFFFF

 2C421A

 748C5F

 172C02

 8EA778

 001900

 A9C292

 000000

 C4DEAC

 E0FAC8

 FDFFE4

 435A30

 435A30

 3E5A27

 485A39

■ 395A1E

■ 4D5A42

■ 345A15

■ 525A4B

■ 2F5A0C

■ 575A54

■ 2A5A03

■ 5C5A5D

■ 295A00

■ 615A66

■ 665A6F

■ 6A5A78

■ 6F5A81

# Harmonies

## Analogous

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



5B5427



435A30



255E43

# Triad

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



435A30



005A7C



7D414E

# Complementary

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



435A30



47305A

# 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.



744464



435A30



3B537F

# Square

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



435A30



005E6E



5E4B76



7A4539

# Rectangle

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



435A30



015F52



5E4B76



7B4155



# Sweetspot

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



435A30



6C7565



5A4630



353B31



BABABA



3B3B3B



# Same Dimension

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



435A30



517534



305A31



2B2E29



326E00



6BED00



# Inverse Universe

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



47305A



583475



5A3059



2C292E



3C006E

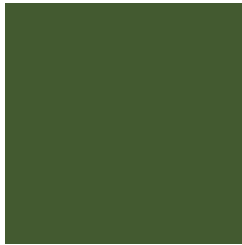


8200ED



# Previews

## White Background



This preview shows how the Hex color 435A30 looks on a white background.

## Color Contrast Check

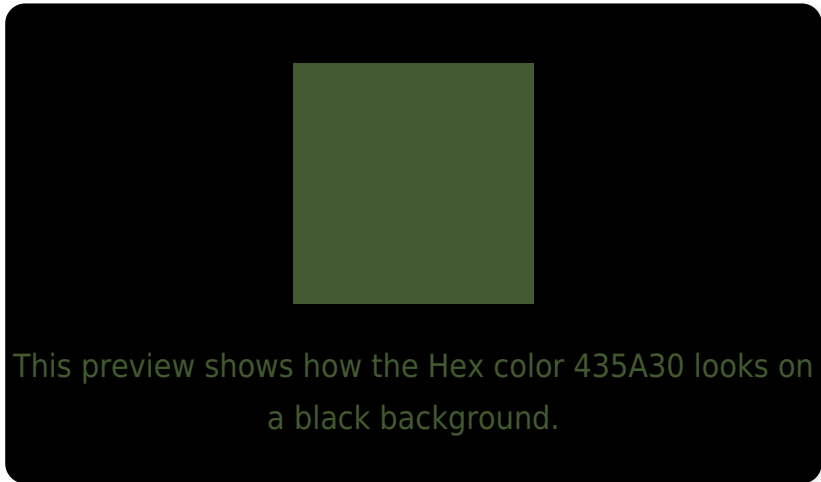
Large Text (above 18pt) WCAG AA ✓ Pass

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

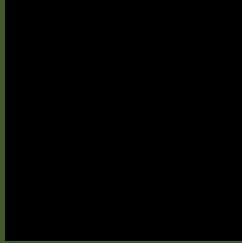
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435A30 Background



This preview shows how black text looks on a background with the Hex color 435A30.



This preview shows how white text looks on a background with the Hex color 435A30.

# 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](#).

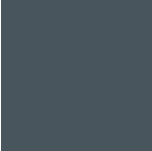
## Dichromacy



**Original Color**  
435A30

**Protanopia**  
5B532E

**Deuteranopia**  
654F33



**Tritanopia**  
49555C

# Trichromacy



**Original Color**  
435A30

**Protanomaly**  
52562F

**Deuteranomaly**  
595332

**Tritanomaly**  
47574C

# Monochromacy



**Original Color**  
435A30

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4A5243

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435A30 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 #435A30 looks like.

```
.text, #text, p{  
    color:#435A30  
}
```

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 #435A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435A30
}
```

## Border

The CSS property to change the border of an element to Hex 435A30 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
#435A30 }
```

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

```
.border{ border-color:#435A30 }
```

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

Here you see how a box with a 4 pixel #435A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435A30; -webkit-box-shadow:4px 4px  
4px 4px #435A30; box-shadow:4px 4px 4px  
4px #435A30 }
```

# Background

The CSS property to change the background color of an element to Hex 435A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435A30 }
```

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

```
.background{ background-color:#435A30 }
```

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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