

# Converting Colors

Hex(435C2D)

Have a look what the booklet for  
Hex(435C2D) contains.

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# Color

Hex(435C2D)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	435C2D
RGB	67, 92, 45
RGB Percent	26%, 36%, 18%
CMY	0.7373, 0.6392, 0.8235
CMYK	0.27, 0.00, 0.51, 0.64
HSL	92°, 34%, 27%
HSV	92°, 51%, 36%
XYZ	6.6155, 9.0370, 3.8783
YIQ	79.1670, 0.1870, -19.9170

# Conversions

## Conversions Part 2

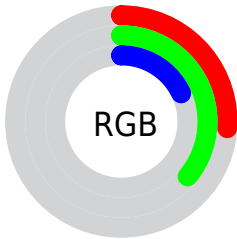
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 92, 70
Decimal	4414509
CIE Lab	36.06, -18.70, 23.95
CIE LCh	36, 30.385, 127.992
Yxy	9.0370, 0.3387, 0.4627
Android (android.graphics.Color)	4282604589 (0xFF435C2D)
YUV	79.1670, -16.8443, -10.6705
Hunter-Lab	30.0617, -13.3262, 13.3941

# Details

The Hex color **435C2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **462D5C**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **748E5C**, and **162E00** is the 20% darker color. If you saturate the color by 10%, you get **3E5C24**, and if you desaturate by 10%, it is **485C36**.

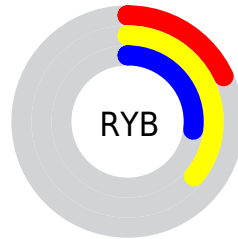
# Distribution



Red (26%)

Green (36%)

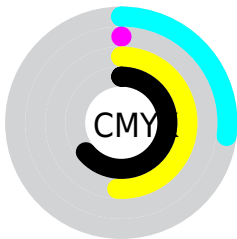
Blue (18%)



Red (18%)

Yellow (36%)

Blue (27%)

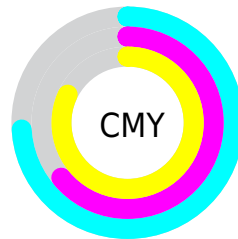


Cyan (27%)

Magenta (0%)

Yellow (51%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 435C2D 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 435C2D by changing the saturation by 10% instead.



 435C2D

 435C2D

FFFFFF

 2C4417

 748E5C

 162E00

 8EA975

 001B00

 A9C48F

 000000

 C5E0A9

 E1FDC5

 FEF FE1

 FFFFFD

 435C2D

 435C2D

■ 3E5C24

■ 485C36

■ 395C1B

■ 4D5C3F

■ 345C11

■ 525C49

■ 2F5C08

■ 575C52

■ 2B5C00

■ 5B5C5B

■ 605C64

■ 655C6D

■ 6A5C77

■ 6F5C80

# Harmonies

## Analogous

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



5D5623



435C2D



206042

# Triad

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



435C2D



005C82



82404F

# Complementary

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



435C2D



462D5C

# 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.



784368



435C2D



375585

# Square

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



435C2D



006072



5F4C7B



804538

# Rectangle

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



435C2D



006152



5F4C7B



804057



# Sweetspot

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



435C2D



6E7866



5C452D



373D32



BDBDBD



3D3D3D



# Same Dimension

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



435C2D



51782F



2D5C2E



2B2E29



336E00



6FED00



# Inverse Universe

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



462D5C



562F78



5C2D5B



2C292E



3A006E

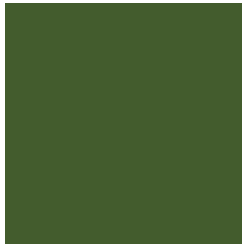


7E00ED



# Previews

## White Background



This preview shows how the Hex color 435C2D looks on a white background.

## Color Contrast Check

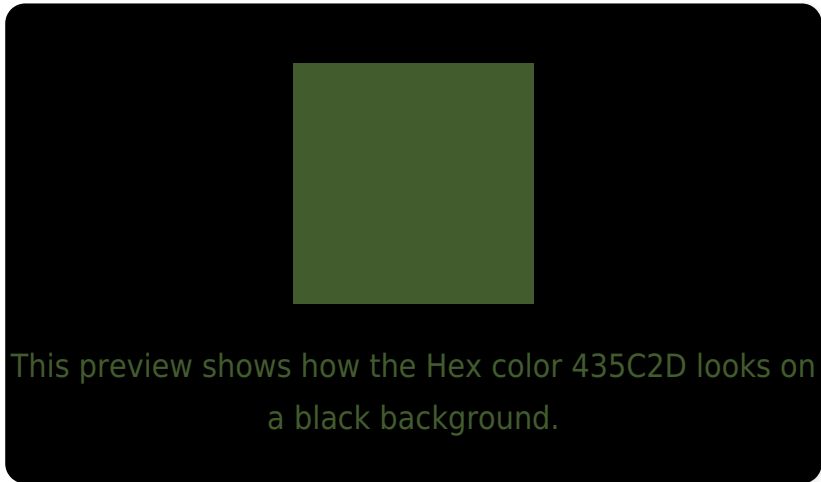
Large Text (above 18pt) WCAG AA ✓ Pass

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

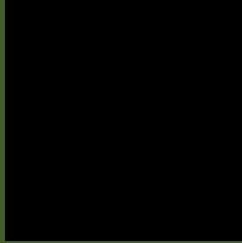
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 435C2D Background



This preview shows how black text looks on a background with the Hex color 435C2D.



This preview shows how white text looks on a background with the Hex color 435C2D.

# 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**  
435C2D

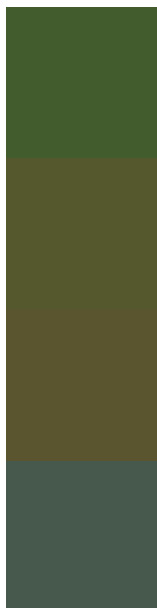
**Protanopia**  
5D552B

**Deuteranopia**  
675130



**Tritanopia**  
4A575E

# Trichromacy



**Original Color**

435C2D

**Protanomaly**

54582C

**Deuteranomaly**

5A552F

**Tritanomaly**

47594C

# Monochromacy



**Original Color**

435C2D

**Achromatopsia**

4F4F4F

**Achromatomaly**

4B5443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 435C2D 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 #435C2D looks like.

```
.text, #text, p{  
    color:#435C2D  
}
```

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 #435C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435C2D
}
```

## Border

The CSS property to change the border of an element to Hex 435C2D 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
#435C2D }
```

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

```
.border{ border-color:#435C2D }
```

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

Here you see how a box with a 4 pixel #435C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435C2D; -webkit-box-shadow:4px 4px  
4px 4px #435C2D; box-shadow:4px 4px 4px  
4px #435C2D }
```

# Background

The CSS property to change the background color of an element to Hex 435C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435C2D }
```

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

```
.background{ background-color:#435C2D }
```

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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