

Converting Colors

Hex(435D2D)

Have a look what the booklet for
Hex(435D2D) contains.

| | |
|--|----|
| Hex(435D2D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(435D2D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 435D2D |
| RGB | 67, 93, 45 |
| RGB Percent | 26%, 36%, 18% |
| CMY | 0.7373, 0.6353, 0.8235 |
| CMYK | 0.28, 0.00, 0.52, 0.64 |
| HSL | 92°, 35%, 27% |
| HSV | 92°, 52%, 36% |
| XYZ | 6.7027, 9.2115, 3.9073 |
| YIQ | 79.7540, -0.0880, -20.4400 |

Conversions

Conversions Part 2

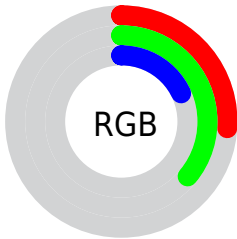
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 45, 93, 71 |
| Decimal | 4414765 |
| CIE _{Lab} | 36.39, -19.24, 24.36 |
| CIE _{LCh} | 36, 31.037, 128.304 |
| Y _{xy} | 9.2115, 0.3382, 0.4647 |
| Android (android.graphics.Color) | 4282604845 (0xFF435D2D) |
| Y _{UV} | 79.7540, -17.1337, -11.1853 |
| Hunter-Lab | 30.3504, -13.6922, 13.6122 |

Details

The Hex color **435D2D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **472D5D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **748F5C**, and **162F00** is the 20% darker color. If you saturate the color by 10%, you get **3E5D24**, and if you desaturate by 10%, it is **485D36**.

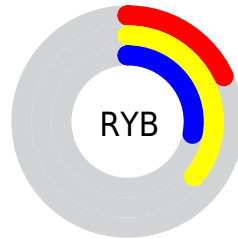
Distribution



Red (26%)

Green (36%)

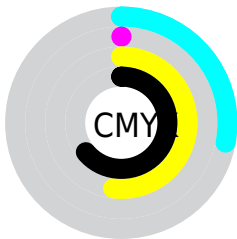
Blue (18%)



Red (18%)

Yellow (36%)

Blue (28%)

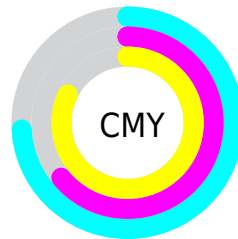


Cyan (28%)

Magenta (0%)

Yellow (52%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435D2D 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 435D2D by changing the saturation by 10% instead.

 435D2D

 435D2D

FFFFFF

 2C4517

 748F5C

 162F00

 8EAA75

 001C00

 A9C58F

 000000

 C5E1A9

 E1FEC5

 FEFFE1

FFFFFFE

 435D2D

 435D2D

■ 3E5D24

■ 485D36

■ 395D1A

■ 4D5D40

■ 345D11

■ 525D49

■ 2F5D08

■ 575D52

■ 2B5D00

■ 5C5D5C

■ 615D65

■ 665D6E

■ 6B5D77

■ 705D81

Harmonies

Analogous

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



5E5622



435D2D



1F6142

Triad

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



435D2D



005D83



844050

Complementary

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



435D2D



472D5D

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.



7A4469



435D2D



385687

Square

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



435D2D



006174



614C7D



814538

Rectangle

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



435D2D



006253



614C7D



824158

Sweetspot

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



435D2D



6E7866



5D472D



373D32



BDBDBD



3D3D3D

Same Dimension

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



435D2D



50782E



2D5D2F



2B2E29



326E00



6DED00

Inverse Universe

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



472D5D



562E78



5D2D5B



2C292E



3B006E



8000ED

Previews

White Background



This preview shows how the Hex color 435D2D looks on a white background.

Color Contrast Check

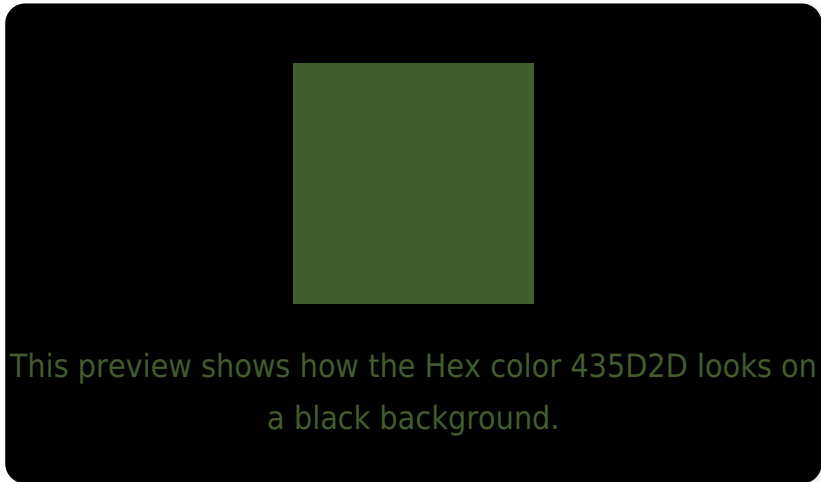
Large Text (above 18pt) WCAG AA ✓ Pass

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

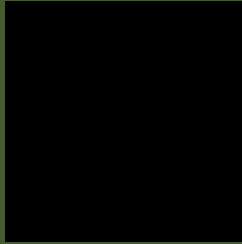
Any Text WCAG AA × Fail

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 435D2D Background



This preview shows how black text looks on a background with the Hex color 435D2D.



This preview shows how white text looks on a background with the Hex color 435D2D.

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](#).

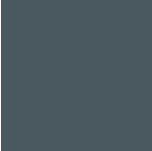
Dichromacy



Original Color
435D2D

Protanopia
5E552B

Deuteranopia
685130



Tritanopia
4A585F

Trichromacy



Original Color
435D2D

Protanomaly
54582C

Deuteranomaly
5B552F

Tritanomaly
475A4D

Monochromacy



Original Color
435D2D

Achromatopsia
505050

Achromatomaly
4B5543

CSS Examples

Text

The CSS property to change the color of the text to Hex 435D2D 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 #435D2D looks like.

```
.text, #text, p{  
    color:#435D2D  
}
```

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 #435D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435D2D  
}
```

Border

The CSS property to change the border of an element to Hex 435D2D 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".

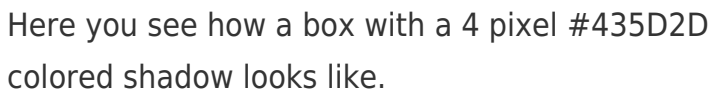
```
.border, #border, table{ border:4px solid  
#435D2D }
```

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

```
.border{ border-color:#435D2D }
```

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

Here you see how a box with a 4 pixel #435D2D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435D2D; -webkit-box-shadow:4px 4px  
4px 4px #435D2D; box-shadow:4px 4px 4px  
4px #435D2D }
```

Background

The CSS property to change the background color of an element to Hex 435D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435D2D }
```

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

```
.background{ background-color:#435D2D }
```

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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