

Converting Colors

Hex(435D4C)

Have a look what the booklet for
Hex(435D4C) contains.

Hex(435D4C)	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(435D4C)

Conversions

Conversions Part 1

Format	Color
Hex	435D4C
RGB	67, 93, 76
RGB Percent	26%, 36%, 30%
CMY	0.7373, 0.6353, 0.7020
CMYK	0.28, 0.00, 0.18, 0.64
HSL	141°, 16%, 31%
HSV	141°, 28%, 36%
XYZ	7.5336, 9.5438, 8.2826
YIQ	83.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

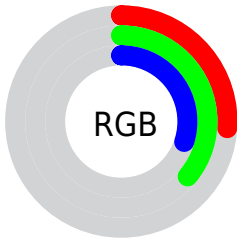
Format	Color
RYB	67, 86, 93
Decimal	4414796
CIELab	37.01, -13.72, 6.66
CIELCh	37, 15.246, 154.114
Yxy	9.5438, 0.2971, 0.3763
Android (android.graphics.Color)	4282604876 (0xFF435D4C)
YUV	83.2880, -3.5930, -14.2846
Hunter-Lab	30.8930, -10.5337, 5.7292

Details

The Hex color **435D4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D4354**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **748F7D**, and **172F20** is the 20% darker color. If you saturate the color by 10%, you get **3A5D46**, and if you desaturate by 10%, it is **4C5D52**.

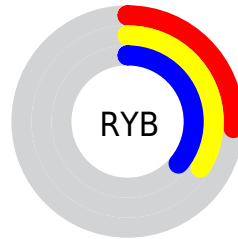
Distribution



Red (26%)

Green (36%)

Blue (30%)



Red (26%)

Yellow (34%)

Blue (36%)

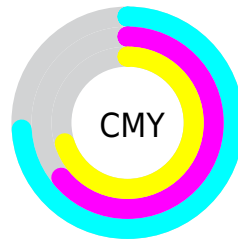


Cyan (28%)

Magenta (0%)

Yellow (18%)

Black (64%)



Cyan (74%)

Magenta (64%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435D4C 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 435D4C by changing the saturation by 10% instead.

■ 435D4C

■ 435D4C

FFFFFF

■ 2C4535

■ 748F7D

■ 172F20

■ 8DAA97

■ 001B09

■ A8C5B1

■ 000000

■ C3E1CD

■ DFFEE9

■ FCFFFF

■ 435D4C

■ 435D4C

■ 3A5D46

■ 4C5D52

■ 305D40

■ 565D58

■ 275D3A

■ 5F5D5E

■ 1E5D34

■ 685D64

■ 155D2E

■ 725D6A

■ 0B5D28

■ 7B5D70

■ 025D21

■ 845D77

■ 005D20

■ 8D5D7D

■ 975D83

Harmonies

Analogous

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



515A43



435D4C



375E58

Triad

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



435D4C



4A586F



6F4F4A

Complementary

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



435D4C



5D4354

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.



6F4E56



435D4C



5B536B

Square

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



435D4C



3B5B6D



685062



695341

Rectangle

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



435D4C



335E61



685062



704F4E

Sweetspot

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



435D4C



6E7872



545D43



373D39



BDBDBD



3D3D3D

Same Dimension

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



435D4C



4F785D



435D59



292E2B



006E26



00ED52

Inverse Universe

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



5D4354



784F6A



5D4347



2E292C



6E0048



ED009B

Previews

White Background



This preview shows how the Hex color 435D4C looks on a white background.

Color Contrast Check

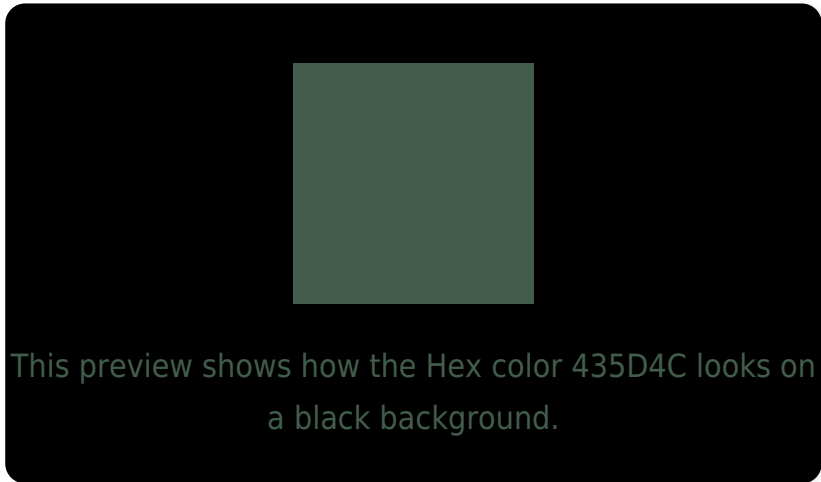
Large Text (above 18pt) WCAG AA ✓ Pass

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

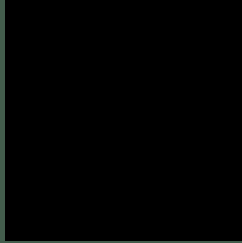
Any Text WCAG AA × Fail

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 435D4C Background



This preview shows how black text looks on a background with the Hex color 435D4C.



This preview shows how white text looks on a background with the Hex color 435D4C.

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](#).

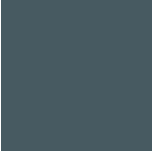
Dichromacy



Original Color
435D4C

Protanopia
5C5749

Deuteranopia
62544E



Tritanopia
475A61

Trichromacy



Original Color
435D4C

Protanomaly
53594A

Deuteranomaly
57574D

Tritanomaly
465B59

Monochromacy



Original Color
435D4C

Achromatopsia
535353

Achromatomaly
4D5750

CSS Examples

Text

The CSS property to change the color of the text to Hex 435D4C 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 #435D4C looks like.

```
.text, #text, p{  
    color:#435D4C  
}
```

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 #435D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435D4C
}
```

Border

The CSS property to change the border of an element to Hex 435D4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

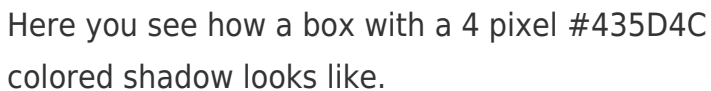
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435D4C }
```

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

```
.border{ border-color:#435D4C }
```

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



Here you see how a box with a 4 pixel #435D4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435D4C; -webkit-box-shadow:4px 4px  
4px 4px #435D4C; box-shadow:4px 4px 4px  
4px #435D4C }
```

Background

The CSS property to change the background color of an element to Hex 435D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435D4C }
```

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

```
.background{ background-color:#435D4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor