

Converting Colors

Hex(434620)

Have a look what the booklet for
Hex(434620) contains.

Hex(434620)	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(434620)

Conversions

Conversions Part 1

Format	Color
Hex	434620
RGB	67, 70, 32
RGB Percent	26%, 27%, 13%
CMY	0.7373, 0.7255, 0.8745
CMYK	0.04, 0.00, 0.54, 0.73
HSL	65°, 37%, 20%
HSV	65°, 54%, 27%
XYZ	4.7656, 5.6779, 2.2113
YIQ	64.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

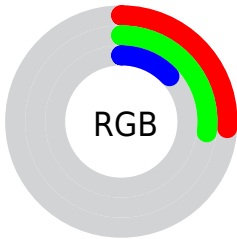
Format	Color
RYB	32, 70, 35
Decimal	4408864
CIELab	28.58, -7.80, 22.30
CIElCh	29, 23.630, 109.283
Yxy	5.6779, 0.3766, 0.4487
Android (android.graphics.Color)	4282598944 (0xFF434620)
YUV	64.7710, -16.1561, 1.9548
Hunter-Lab	23.8283, -6.0000, 11.1777

Details

The Hex color **434620** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **232046**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **74764D**, and **171B00** is the 20% darker color. If you saturate the color by 10%, you get **424619**, and if you desaturate by 10%, it is **444627**.

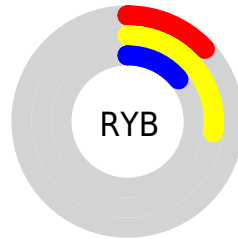
Distribution



Red (26%)

Green (27%)

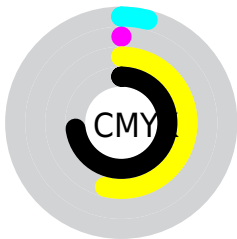
Blue (13%)



Red (13%)

Yellow (27%)

Blue (14%)

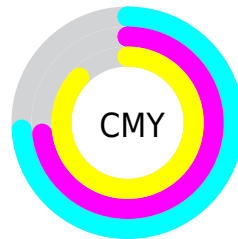


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (73%)



Cyan (74%)

Magenta (73%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434620 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 434620 by changing the saturation by 10% instead.



434620



434620

FFFFFF



2C300A



74764D



171B00



8E9066



000000



A9AA7F



C4C699



E0E1B4



FD FECF



FFF FEC



434620



434620

■ 424619

■ 444627

■ 424612

■ 44462E

■ 41460B

■ 454635

■ 414604

■ 45463C

■ 404600

■ 464643

■ 46464A

■ 474651

■ 474658

■ 48465F

Harmonies

Analogous

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



54401F



434620



2E4A2B

Triad

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



434620



004B5F



62354B

Complementary

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



434620



232046

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.



543A5B



434620



164767

Square

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



434620



004D4F



3B4166



663538

Rectangle

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



434620



1D4C36



3B4166



5E3651

Sweetspot

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



434620



5B5C4D



462320



2D2E25



ADADAD



2E2E2E

Same Dimension

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



434620



575C20



304620



232420



5C6300



D1E300

Inverse Universe

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



232046



25205C



362046



202024



080063



1200E3

Previews

White Background



This preview shows how the Hex color 434620 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

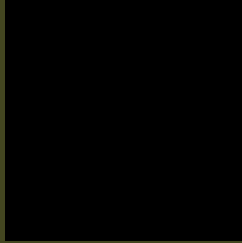
Any Text WCAG AA × Fail

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 434620 Background



This preview shows how black text looks on a background with the Hex color 434620.



This preview shows how white text looks on a background with the Hex color 434620.

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
434620

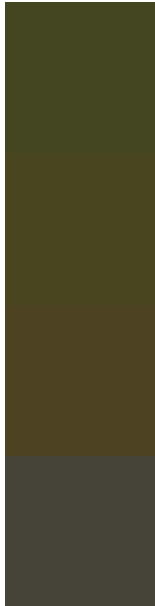
Protanopia
4B441F

Deuteranopia
534022



Tritanopia
474247

Trichromacy



Original Color
434620

Protanomaly
48451F

Deuteranomaly
4D4221

Tritanomaly
464339

Monochromacy



Original Color
434620

Achromatopsia
414141

Achromatomaly
424335

CSS Examples

Text

The CSS property to change the color of the text to Hex 434620 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 #434620 looks like.

```
.text, #text, p{  
    color:#434620  
}
```

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 #434620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434620
}
```

Border

The CSS property to change the border of an element to Hex 434620 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".

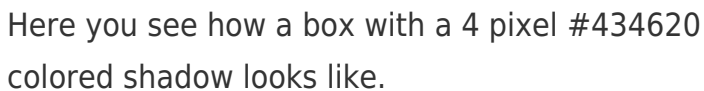
```
.border, #border, table{ border:4px solid
#434620 }
```

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

```
.border{ border-color:#434620 }
```

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

Here you see how a box with a 4 pixel #434620 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434620; -webkit-box-shadow:4px 4px  
4px 4px #434620; box-shadow:4px 4px 4px  
4px #434620 }
```

Background

The CSS property to change the background color of an element to Hex 434620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434620 }
```

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

```
.background{ background-color:#434620 }
```

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