

Converting Colors

Hex(434933)

Have a look what the booklet for
Hex(434933) contains.

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Color

Hex(434933)

Conversions

Conversions Part 1

Format	Color
Hex	434933
RGB	67, 73, 51
RGB Percent	26%, 29%, 20%
CMY	0.7373, 0.7137, 0.8000
CMYK	0.08, 0.00, 0.30, 0.71
HSL	76°, 18%, 24%
HSV	76°, 30%, 29%
XYZ	5.2948, 6.1974, 4.0491
YIQ	68.6980, 3.4860, -8.1140

Conversions

Conversions Part 2

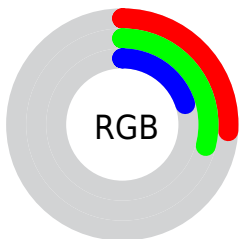
Format	Color
RYB	51, 73, 57
Decimal	4409651
CIELab	29.91, -6.91, 12.39
CIElCh	30, 14.185, 119.140
Yxy	6.1974, 0.3407, 0.3988
Android (android.graphics.Color)	4282599731 (0xFF434933)
YUV	68.6980, -8.7251, -1.4891
Hunter-Lab	24.8946, -5.6003, 7.7826

Details

The Hex color **434933** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393349**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **737A62**, and **191D06** is the 20% darker color. If you saturate the color by 10%, you get **41492C**, and if you desaturate by 10%, it is **45493A**.

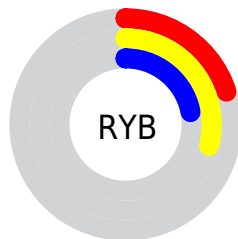
Distribution



Red (26%)

Green (29%)

Blue (20%)



Red (20%)

Yellow (29%)

Blue (22%)

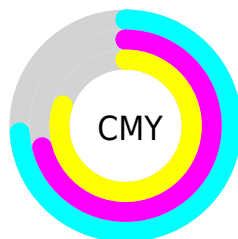


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (71%)



Cyan (74%)

Magenta (71%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434933 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 434933 by changing the saturation by 10% instead.



434933



434933

FFFFFF



2D331E



737A62



191D06



8D937A



000000



A7AE94



C3C9AF



DFE5CA



FBFFE6



434933



434933



41492C



45493A

■ 3F4924

■ 474942

■ 3D491D

■ 494949

■ 3B4916

■ 4B4950

■ 39490F

■ 4D4958

■ 374907

■ 4F495F

■ 354900

■ 514966

■ 53496D

■ 554975

Harmonies

Analogous

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



4F4630



434933



364B3B

Triad

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



434933



2A4B59



5B3E47

Complementary

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



434933



393349

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.



544052



434933



38485C

Square

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



434933



254C51



48445A



5C3F3C

Rectangle

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



434933



2E4C42



48445A



5A3F4B

Sweetspot

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



434933



5C5E56



493933



2F302B



B0B0B0



303030

Same Dimension

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



434933



555E3C



384933



232420



486300



A5E300

Inverse Universe

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



393349



463C5E



443349



212024



1B0063



3E00E3

Previews

White Background



This preview shows how the Hex color 434933 looks on a white background.

Color Contrast Check

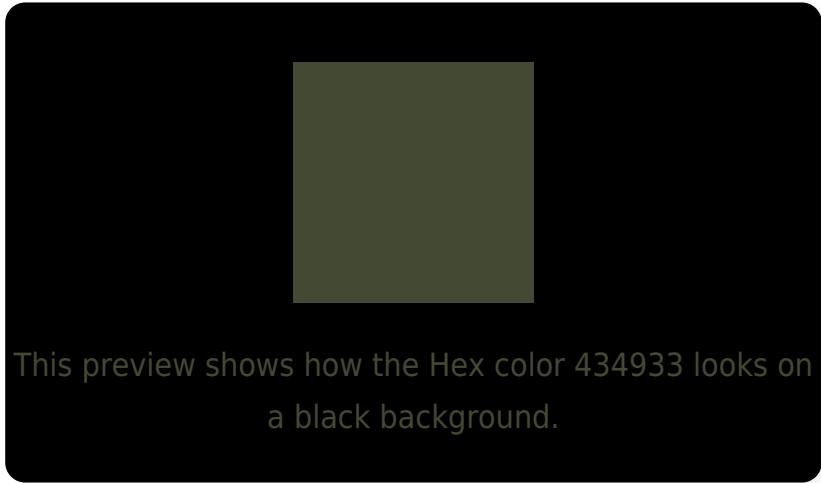
Large Text (above 18pt) WCAG AA ✓ Pass

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

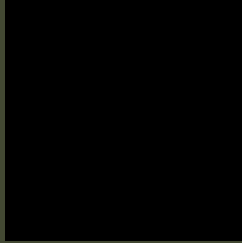
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

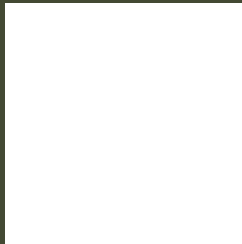
Any Text WCAG AAA × Fail

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

Hex 434933 Background



This preview shows how black text looks on a background with the Hex color 434933.



This preview shows how white text looks on a background with the Hex color 434933.

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
434933

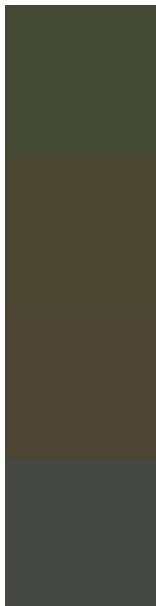
Protanopia
4C4632

Deuteranopia
534334



Tritanopia
46464B

Trichromacy



Original Color

434933

Protanomaly

494732

Deuteranomaly

4D4534

Tritanomaly

454742

Monochromacy



Original Color

434933

Achromatopsia

454545

Achromatomaly

44463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 434933 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 #434933 looks like.

```
.text, #text, p{  
    color:#434933  
}
```

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 #434933 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434933
}
```

Border

The CSS property to change the border of an element to Hex 434933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

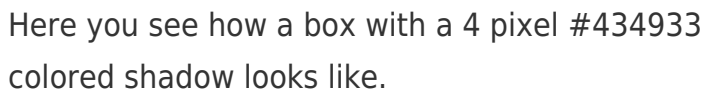
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434933 }
```

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

```
.border{ border-color:#434933 }
```

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



Here you see how a box with a 4 pixel #434933 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434933; -webkit-box-shadow:4px 4px  
4px 4px #434933; box-shadow:4px 4px 4px  
4px #434933 }
```

Background

The CSS property to change the background color of an element to Hex 434933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434933 }
```

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

```
.background{ background-color:#434933 }
```

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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