

Converting Colors

Hex(434345)

Have a look what the booklet for
Hex(434345) contains.

Hex(434345)	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(434345)

Conversions

Conversions Part 1

Format	Color
Hex	434345
RGB	67, 67, 69
RGB Percent	26%, 26%, 27%
CMY	0.7373, 0.7373, 0.7294
CMYK	0.03, 0.03, 0.00, 0.73
HSL	240°, 1%, 27%
HSV	240°, 3%, 27%
XYZ	5.3961, 5.6373, 6.4339
YIQ	67.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

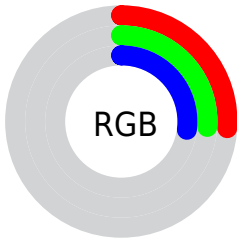
Format	Color
RYB	67, 67, 69
Decimal	4408133
CIELab	28.48, 0.45, -1.21
CIELCh	28, 1.295, 290.450
Yxy	5.6373, 0.3089, 0.3227
Android (android.graphics.Color)	4282598213 (0xFF434345)
YUV	67.2280, 0.8736, -0.2000
Hunter-Lab	23.7429, -0.9824, 0.5535

Details

The Hex color **434345** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **454543**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **737375**, and **18181A** is the 20% darker color. If you saturate the color by 10%, you get **3C3C45**, and if you desaturate by 10%, it is **4A4A45**.

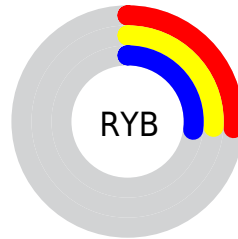
Distribution



Red (26%)

Green (26%)

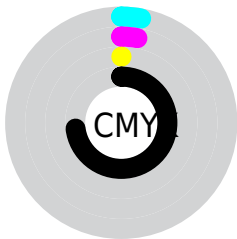
Blue (27%)



Red (26%)

Yellow (26%)

Blue (27%)

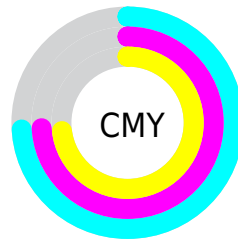


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (73%)



Cyan (74%)

Magenta (74%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434345 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 434345 by changing the saturation by 10% instead.

■ 434345

■ 434345

FFFFFF

■ 2D2D2F

■ 737375

■ 18181A

■ 8C8C8F

■ 000000

■ A7A7A9

■ C2C2C4

■ DEDEE0

■ FAFAFD

■ 434345

■ 434345

■ 3C3C45

■ 4A4A45

■ 353545

■ 515145

■ 2E2E45

■ 585845

■ 272745

■ 5F5F45

■ 212145

■ 666645

■ 1A1A45

■ 6C6C45

■ 131345

■ 737345

■ 0C0C45

■ 7A7A45

■ 050545

■ 818145

Harmonies

Analogous

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



424345



434345



444344

Triad

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



434345



454342



414443

Complementary

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



434345



454543

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.



424442



434345



444341

Square

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



434345



454342



434341



414444

Rectangle

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



434345



454344



434341



414442

Sweetspot

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



434345



585859



434545



2D2D2E



ADADAD



2E2E2E

Same Dimension

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



434345



575759



444345



222224



000063



0000E3

Inverse Universe

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



454345



595759



444543



242224



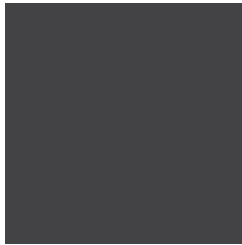
630063



E300E3

Previews

White Background



This preview shows how the Hex color 434345 looks on a white background.

Color Contrast Check

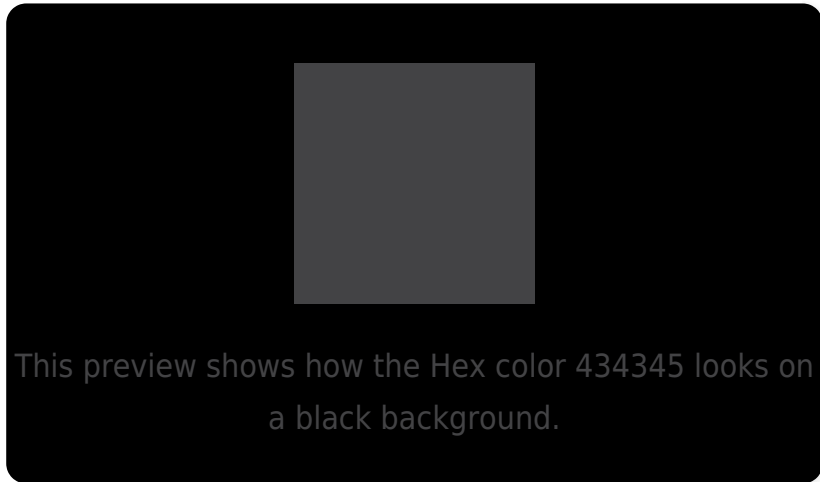
Large Text (above 18pt) WCAG AA ✓ Pass

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

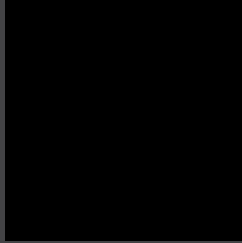
Any Text WCAG AA × Fail

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 434345 Background



This preview shows how black text looks on a background with the Hex color 434345.



This preview shows how white text looks on a background with the Hex color 434345.

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
434345

Protanopia
444345

Deuteranopia
494145



Tritanopia
434348

Trichromacy



Original Color

434345

Protanomaly

444345

Deuteranomaly

474245

Tritanomaly

434347

Monochromacy



Original Color

434345

Achromatopsia

434343

Achromatomaly

434344

CSS Examples

Text

The CSS property to change the color of the text to Hex 434345 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 #434345 looks like.

```
.text, #text, p{  
    color:#434345  
}
```

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 #434345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434345
}
```

Border

The CSS property to change the border of an element to Hex 434345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

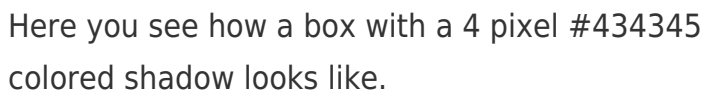
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434345 }
```

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

```
.border{ border-color:#434345 }
```

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



Here you see how a box with a 4 pixel #434345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434345; -webkit-box-shadow:4px 4px  
4px 4px #434345; box-shadow:4px 4px 4px  
4px #434345 }
```

Background

The CSS property to change the background color of an element to Hex 434345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434345 }
```

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

```
.background{ background-color:#434345 }
```

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