

Converting Colors

Hex(434747)

Have a look what the booklet for
Hex(434747) contains.

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Color

Hex(434747)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 434747 |
| RGB | 67, 71, 71 |
| RGB Percent | 26%, 28%, 28% |
| CMY | 0.7373, 0.7216, 0.7216 |
| CMYK | 0.06, 0.00, 0.00, 0.72 |
| HSL | 180°, 3%, 27% |
| HSV | 180°, 6%, 28% |
| XYZ | 5.7053, 6.1547, 6.8485 |
| YIQ | 69.8040, -2.3840, -0.8480 |

Conversions

Conversions Part 2

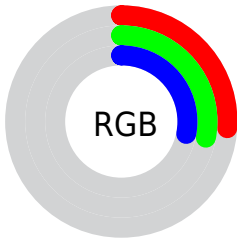
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 67, 69, 71 |
| Decimal | 4409159 |
| CIELab | 29.80, -1.64, -0.57 |
| CIELCh | 30, 1.737, 199.280 |
| Yxy | 6.1547, 0.3050, 0.3290 |
| Android (android.graphics.Color) | 4282599239 (0xFF434747) |
| YUV | 69.8040, 0.5896, -2.4591 |
| Hunter-Lab | 24.8087, -2.3651, 0.9989 |

Details

The Hex color **434747** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **474343**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **737777**, and **181C1C** is the 20% darker color. If you saturate the color by 10%, you get **3C4747**, and if you desaturate by 10%, it is **4A4747**.

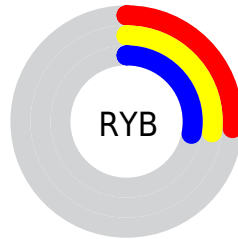
Distribution



Red (26%)

Green (28%)

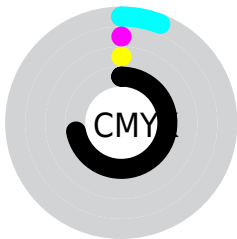
Blue (28%)



Red (26%)

Yellow (27%)

Blue (28%)

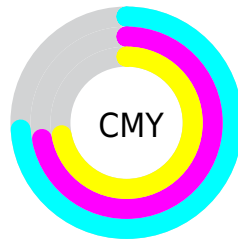


Cyan (6%)

Magenta (0%)

Yellow (0%)

Black (72%)



Cyan (74%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434747 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 434747 by changing the saturation by 10% instead.

■ 434747

■ 434747

FFFFFF

■ 2D3131

■ 737777

■ 181C1C

■ 8C9191

■ 000001

■ A7ABAB

■ 000000

■ C2C7C7

■ DEE3E3

■ FAFFFF

■ 434747

■ 434747

■ 3C4747

■ 4A4747

■ 354747

■ 514747

■ 2E4747

■ 584747

■ 274747

■ 5F4747

■ 1F4747

■ 674747

■ 184747

■ 6E4747

■ 114747

■ 754747

■ 0A4747

■ 7C4747

■ 034747

■ 834747

Harmonies

Analogous

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



444746



434747



434748

Triad

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



434747



484648



484644

Complementary

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



434747



474343

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.



494644



434747



494547

Square

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



434747



464649



494545



464644

Rectangle

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



434747



444749



494545



484644

Sweetspot

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



434747



5A5C5C



434743



2D2E2E



ADADAD



2E2E2E

Same Dimension

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



434747



555C5C



434547



212424



006363



00E3E3

Inverse Universe

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



474347



5C555C



474543



242124



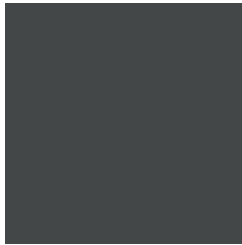
630063



E300E3

Previews

White Background



This preview shows how the Hex color 434747 looks on a white background.

Color Contrast Check

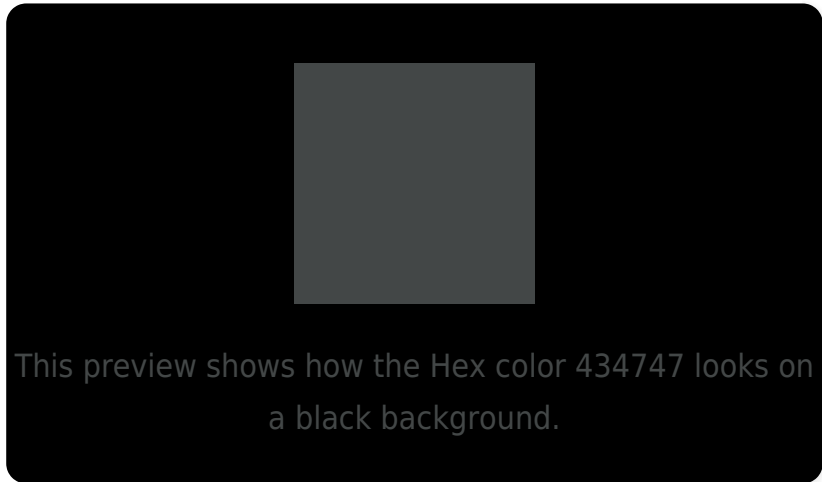
Large Text (above 18pt) WCAG AA ✓ Pass

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

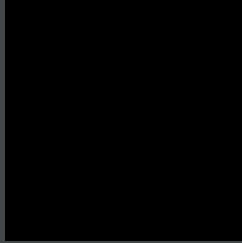
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

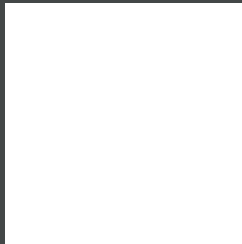
Any Text WCAG AAA × Fail

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

Hex 434747 Background



This preview shows how black text looks on a background with the Hex color 434747.

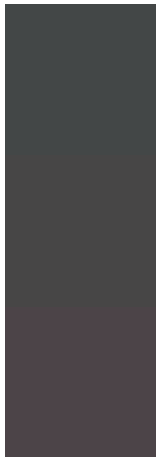


This preview shows how white text looks on a background with the Hex color 434747.

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](#).

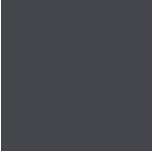
Dichromacy



Original Color
434747

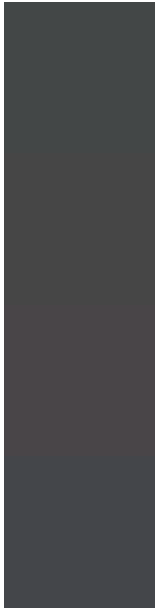
Protanopia
474646

Deuteranopia
4C4448



Tritanopia
44464C

Trichromacy



Original Color

434747

Protanomaly

464646

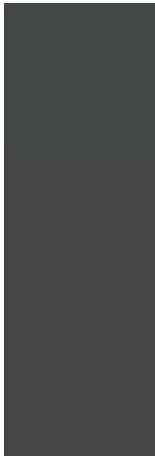
Deuteranomaly

494548

Tritanomaly

44464A

Monochromacy



Original Color

434747

Achromatopsia

464646

Achromatomaly

454646

CSS Examples

Text

The CSS property to change the color of the text to Hex 434747 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 #434747 looks like.

```
.text, #text, p{  
    color:#434747  
}
```

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 #434747 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434747
}
```

Border

The CSS property to change the border of an element to Hex 434747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

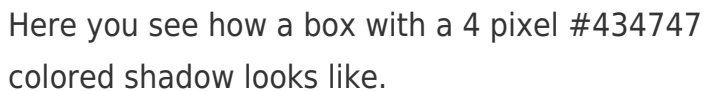
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434747 }
```

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

```
.border{ border-color:#434747 }
```

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



Here you see how a box with a 4 pixel #434747 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434747; -webkit-box-shadow:4px 4px  
4px 4px #434747; box-shadow:4px 4px 4px  
4px #434747 }
```

Background

The CSS property to change the background color of an element to Hex 434747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434747 }
```

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

```
.background{ background-color:#434747 }
```

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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