

Converting Colors

Hex(434648)

Have a look what the booklet for
Hex(434648) contains.

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Color

Hex(434648)

Conversions

Conversions Part 1

Format	Color
Hex	434648
RGB	67, 70, 72
RGB Percent	26%, 27%, 28%
CMY	0.7373, 0.7255, 0.7176
CMYK	0.07, 0.03, 0.00, 0.72
HSL	204°, 4%, 27%
HSV	204°, 7%, 28%
XYZ	5.6746, 6.0415, 6.9979
YIQ	69.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

Format	Color
RYB	67, 69, 72
Decimal	4408904
CIELab	29.52, -0.77, -1.64
CIELCh	30, 1.809, 244.679
Yxy	6.0415, 0.3032, 0.3228
Android (android.graphics.Color)	4282598984 (0xFF434648)
YUV	69.3310, 1.3158, -2.0443
Hunter-Lab	24.5794, -1.8042, 0.3253

Details

The Hex color **434648** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484543**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **737678**, and **181B1D** is the 20% darker color. If you saturate the color by 10%, you get **3C4348**, and if you desaturate by 10%, it is **4A4948**.

Distribution



 Red (26%)

 Green (27%)

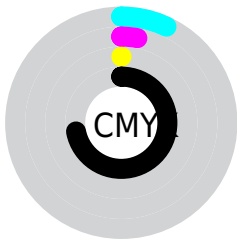
 Blue (28%)



 Red (26%)

 Yellow (27%)

 Blue (28%)



 Cyan (7%)

 Magenta (3%)

 Yellow (0%)

 Black (72%)



 Cyan (74%)

 Magenta (73%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434648 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 434648 by changing the saturation by 10% instead.



434648



434648

FFFFFF



2D3032



737678



181B1D



8C9092



000002



A7AAAD



000000



C2C6C8



DEE2E4



FAFEFF



434648



434648



3C4348



4A4948

■ 354048

■ 514C48

■ 2D3D48

■ 594F48

■ 263A48

■ 605248

■ 1F3848

■ 675448

■ 183548

■ 6E5748

■ 113248

■ 755A48

■ 092F48

■ 7D5D48

■ 022C48

■ 846048

Harmonies

Analogous

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



424647



434648



444648

Triad

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



434648



494545



454643

Complementary

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



434648



484543

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.



474543



434648



494544

Square

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



434648



484547



484543



434644

Rectangle

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



434648



464548



484543



454643

Sweetspot

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



434648



5C5E5E



434845



2F3030



B0B0B0



303030

Same Dimension

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



434648



575B5E



434448



202224



003C63



0088E3

Inverse Universe

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



484346



5E575B



484743



242022



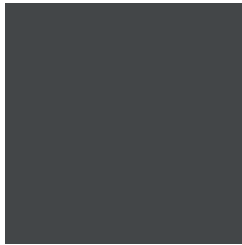
63003C



E30088

Previews

White Background



This preview shows how the Hex color 434648 looks on a white background.

Color Contrast Check

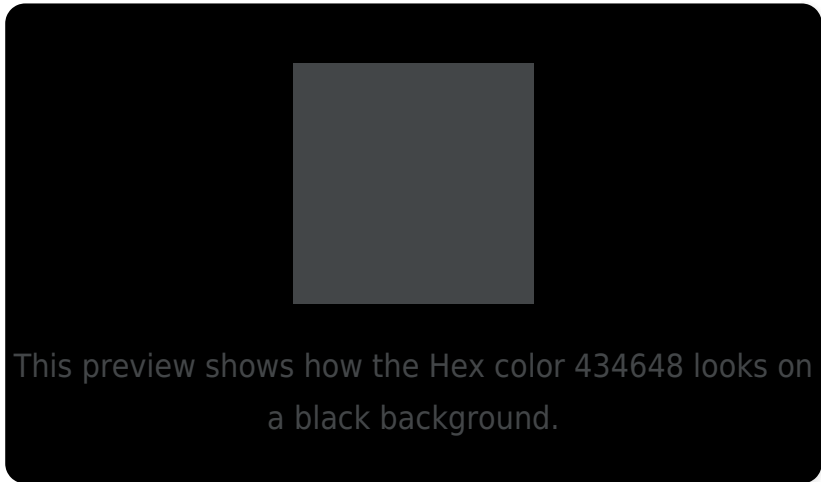
Large Text (above 18pt) WCAG AA ✓ Pass

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

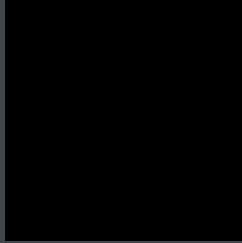
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

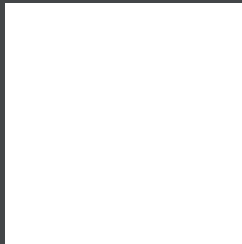
Any Text WCAG AAA × Fail

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

Hex 434648 Background



This preview shows how black text looks on a background with the Hex color 434648.



This preview shows how white text looks on a background with the Hex color 434648.

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
434648

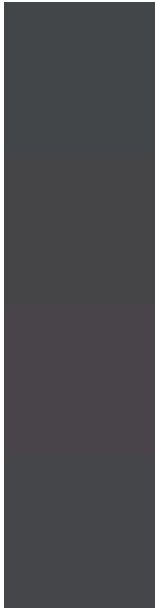
Protanopia
464547

Deuteranopia
4B4349



Tritanopia
44464B

Trichromacy



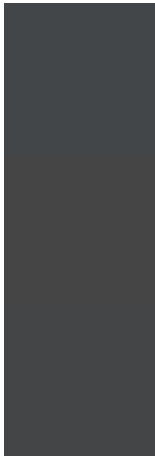
Original Color
434648

Protanomaly
454547

Deuteranomaly
484449

Tritanomaly
44464A

Monochromacy



Original Color
434648

Achromatopsia
454545

Achromatomaly
444546

CSS Examples

Text

The CSS property to change the color of the text to Hex 434648 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 #434648 looks like.

```
.text, #text, p{  
    color:#434648  
}
```

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 #434648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434648
}
```

Border

The CSS property to change the border of an element to Hex 434648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

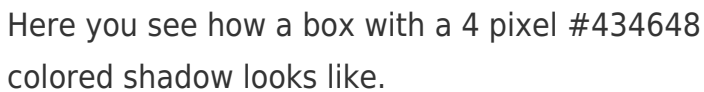
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434648 }
```

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

```
.border{ border-color:#434648 }
```

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



Here you see how a box with a 4 pixel #434648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434648; -webkit-box-shadow:4px 4px  
4px 4px #434648; box-shadow:4px 4px 4px  
4px #434648 }
```

Background

The CSS property to change the background color of an element to Hex 434648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434648 }
```

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

```
.background{ background-color:#434648 }
```

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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