

Converting Colors

Hex(434459)

Have a look what the booklet for
Hex(434459) contains.

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Color

Hex(434459)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 434459 |
| RGB | 67, 68, 89 |
| RGB Percent | 26%, 27%, 35% |
| CMY | 0.7373, 0.7333, 0.6510 |
| CMYK | 0.25, 0.24, 0.00, 0.65 |
| HSL | 237°, 14%, 31% |
| HSV | 237°, 25%, 35% |
| XYZ | 6.1850, 6.0488, 10.2927 |
| YIQ | 70.0950, -7.3370, 6.3190 |

Conversions

Conversions Part 2

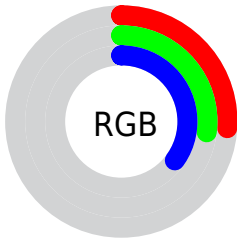
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 67, 68, 89 |
| Decimal | 4408409 |
| CIELab | 29.54, 4.84, -12.60 |
| CIElCh | 30, 13.496, 291.013 |
| Yxy | 6.0488, 0.2746, 0.2685 |
| Android (android.graphics.Color) | 4282598489 (0xFF434459) |
| YUV | 70.0950, 9.3202, -2.7143 |
| Hunter-Lab | 24.5943, 1.8495, -7.5969 |

Details

The Hex color **434459** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **595843**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **73748B**, and **17192B** is the 20% darker color. If you saturate the color by 10%, you get **3A3C59**, and if you desaturate by 10%, it is **4C4C59**.

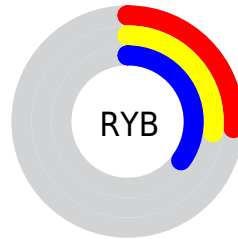
Distribution



Red (26%)

Green (27%)

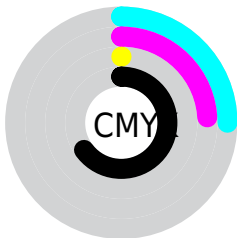
Blue (35%)



Red (26%)

Yellow (27%)

Blue (35%)

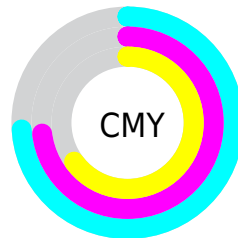


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434459 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 434459 by changing the saturation by 10% instead.



434459



434459

FFFFFF



2C2E42



73748B



17192B



8D8EA5



000017



A8A8C1



000000



C3C3DC



DFDF9



FCFCFF



434459



434459



3A3C59



4C4C59

■ 313359

■ 555559

■ 282B59

■ 5E5D59

■ 1F2259

■ 676659

■ 171A59

■ 706E59

■ 0E1159

■ 787759

■ 050959

■ 817F59

■ 000459

■ 8A8859

■ 939059

Harmonies

Analogous

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



34485A



434459



504053

Triad

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



434459



584036



2E4B42

Complementary

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



434459



595843

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.



3A4A38



434459



504431

Square

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



434459



5B3E3F



464732



274B4D

Rectangle

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



434459



563F4D



464732



324B3E

Sweetspot

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



434459



6B6B73



435958



36363B



BABABA



3B3B3B

Same Dimension

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



434459



505273



4D4359



27272B



00056B



000BEB

Inverse Universe

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



594344



735052



4F5943



2B2727



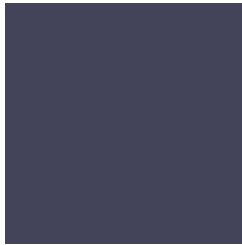
6B0005



EB000B

Previews

White Background



This preview shows how the Hex color 434459 looks on a white background.

Color Contrast Check

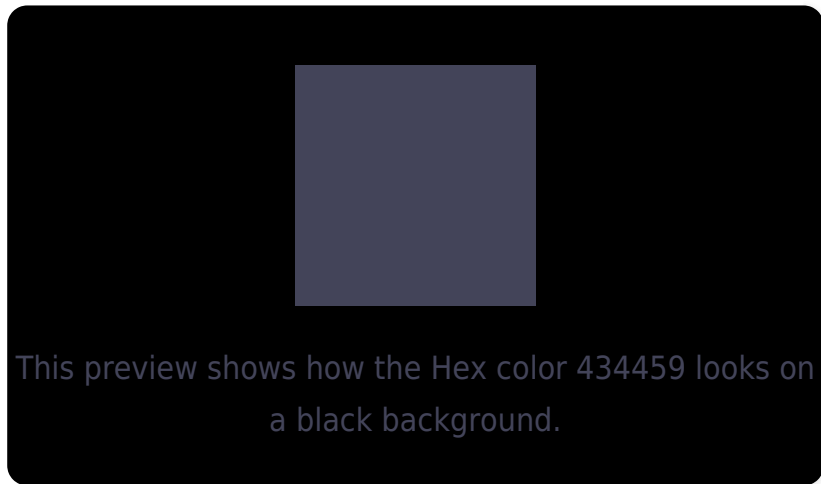
Large Text (above 18pt) WCAG AA ✓ Pass

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

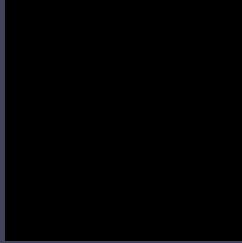
Any Text WCAG AA × Fail

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 434459 Background



This preview shows how black text looks on a background with the Hex color 434459.

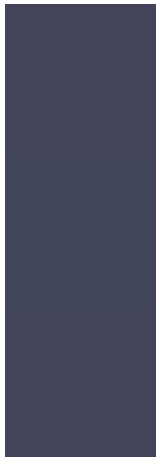


This preview shows how white text looks on a background with the Hex color 434459.

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
434459

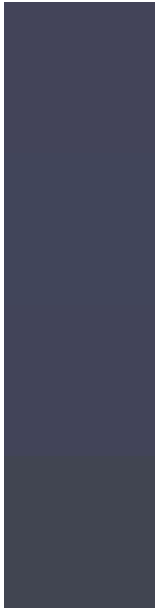
Protanopia
40455A

Deuteranopia
424459



Tritanopia
40464C

Trichromacy



Original Color
434459

Protanomaly
41455A

Deuteranomaly
424459

Tritanomaly
414551

Monochromacy



Original Color
434459

Achromatopsia
464646

Achromatomaly
45454D

CSS Examples

Text

The CSS property to change the color of the text to Hex 434459 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 #434459 looks like.

```
.text, #text, p{  
    color:#434459  
}
```

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 #434459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434459
}
```

Border

The CSS property to change the border of an element to Hex 434459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

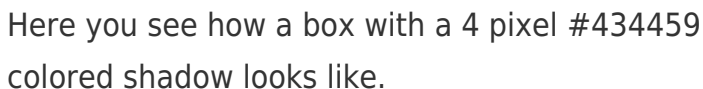
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434459 }
```

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

```
.border{ border-color:#434459 }
```

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



Here you see how a box with a 4 pixel #434459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434459; -webkit-box-shadow:4px 4px  
4px 4px #434459; box-shadow:4px 4px 4px  
4px #434459 }
```

Background

The CSS property to change the background color of an element to Hex 434459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434459 }
```

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

```
.background{ background-color:#434459 }
```

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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