

Converting Colors

Hex(435259)

Have a look what the booklet for
Hex(435259) contains.

Hex(435259)	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(435259)

Conversions

Conversions Part 1

Format	Color
Hex	435259
RGB	67, 82, 89
RGB Percent	26%, 32%, 35%
CMY	0.7373, 0.6784, 0.6510
CMYK	0.25, 0.08, 0.00, 0.65
HSL	199°, 14%, 31%
HSV	199°, 25%, 35%
XYZ	7.1352, 7.9491, 10.6095
YIQ	78.3130, -11.1870, -1.0030

Conversions

Conversions Part 2

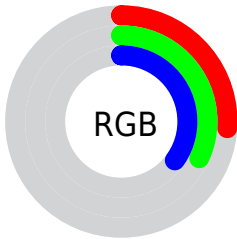
Format	Color
RYB	67, 76, 89
Decimal	4411993
CIELab	33.88, -4.06, -6.04
CIElCh	34, 7.277, 236.070
Yxy	7.9491, 0.2777, 0.3094
Android (android.graphics.Color)	4282602073 (0xFF435259)
YUV	78.3130, 5.2687, -9.9215
Hunter-Lab	28.1942, -4.1663, -2.5748

Details

The Hex color **435259** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **594A43**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **73838B**, and **17252C** is the 20% darker color. If you saturate the color by 10%, you get **3A4F59**, and if you desaturate by 10%, it is **4C5559**.

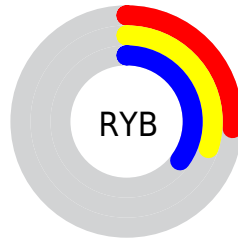
Distribution



Red (26%)

Green (32%)

Blue (35%)



Red (26%)

Yellow (30%)

Blue (35%)

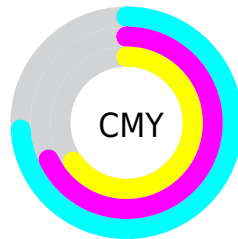


Cyan (25%)

Magenta (8%)

Yellow (0%)

Black (65%)



Cyan (74%)

Magenta (68%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435259 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 435259 by changing the saturation by 10% instead.



435259



435259

FFFFFF



2C3B42



73838B



17252C



8D9DA5



001117



A8B8C0



000000



C3D4DC



DFF0F9



FCFFFF



435259



435259



3A4F59



4C5559

■ 314C59

■ 555859

■ 284A59

■ 5E5A59

■ 1F4759

■ 675D59

■ 174459

■ 706059

■ 0E4159

■ 786359

■ 053E59

■ 816659

■ 003D59

■ 8A6959

■ 936B59

Harmonies

Analogous

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



415354



435259



49505B

Triad

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



435259



5B4C51



4F5145

Complementary

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



435259



594A43

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.



554F44



435259



5C4C4B

Square

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



435259



574D56



5A4D46



485249

Rectangle

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



435259



4D4F5B



5A4D46



515045

Sweetspot

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



435259



6B7073



43594A



36393B



BABABA



3B3B3B

Same Dimension

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



435259



506873



434759



272A2B



00496B



00A0EB

Inverse Universe

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



594352



735068



595543



2B272A



6B0049



EB00A0

Previews

White Background



This preview shows how the Hex color 435259 looks on a white background.

Color Contrast Check

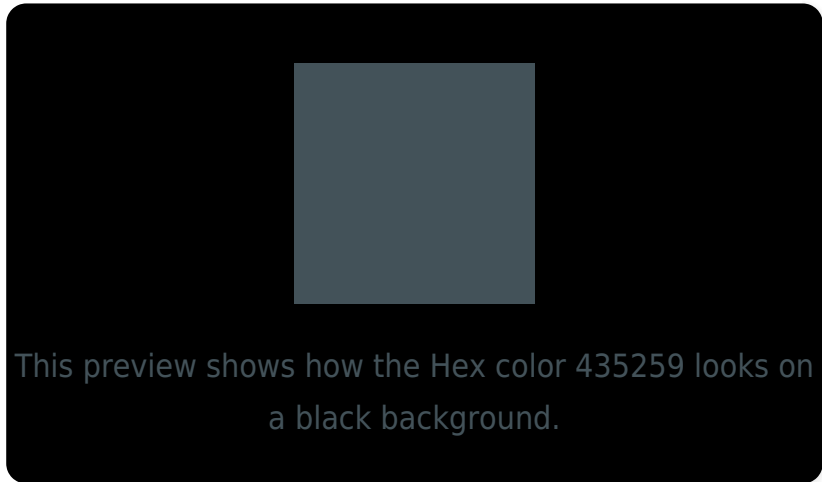
Large Text (above 18pt) WCAG AA ✓ Pass

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

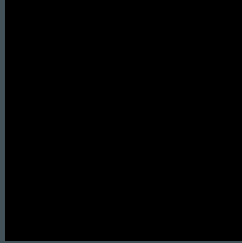
Any Text WCAG AA × Fail

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 435259 Background



This preview shows how black text looks on a background with the Hex color 435259.



This preview shows how white text looks on a background with the Hex color 435259.

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
435259

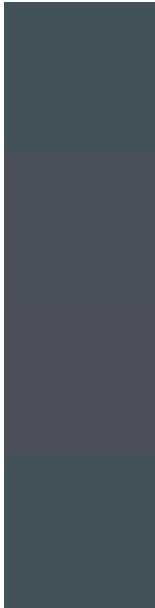
Protanopia
4F4F57

Deuteranopia
524D5A



Tritanopia
435259

Trichromacy



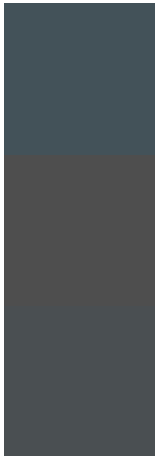
Original Color
435259

Protanomaly
4B5058

Deuteranomaly
4D4F5A

Tritanomaly
435259

Monochromacy



Original Color
435259

Achromatopsia
4E4E4E

Achromatomaly
4A4F52

CSS Examples

Text

The CSS property to change the color of the text to Hex 435259 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 #435259 looks like.

```
.text, #text, p{  
    color:#435259  
}
```

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 #435259 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435259
}
```

Border

The CSS property to change the border of an element to Hex 435259 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
#435259 }
```

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

```
.border{ border-color:#435259 }
```

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

Here you see how a box with a 4 pixel #435259 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435259; -webkit-box-shadow:4px 4px  
4px 4px #435259; box-shadow:4px 4px 4px  
4px #435259 }
```

Background

The CSS property to change the background color of an element to Hex 435259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435259 }
```

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

```
.background{ background-color:#435259 }
```

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