

Converting Colors

Hex(435067)

Have a look what the booklet for
Hex(435067) contains.

Hex(435067)	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(435067)

Conversions

Conversions Part 1

Format	Color
Hex	435067
RGB	67, 80, 103
RGB Percent	26%, 31%, 40%
CMY	0.7373, 0.6863, 0.5961
CMYK	0.35, 0.22, 0.00, 0.60
HSL	218°, 21%, 33%
HSV	218°, 35%, 40%
XYZ	7.6316, 7.9099, 13.9565
YIQ	78.7350, -15.1310, 4.3970

Conversions

Conversions Part 2

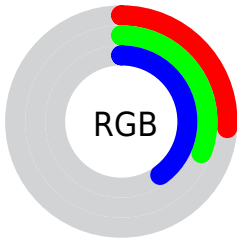
Format	Color
RYB	67, 77, 103
Decimal	4411495
CIELab	33.79, 1.07, -14.99
CIELCh	34, 15.026, 274.100
Yxy	7.9099, 0.2587, 0.2682
Android (android.graphics.Color)	4282601575 (0xFF435067)
YUV	78.7350, 11.9626, -10.2916
Hunter-Lab	28.1245, -0.7820, -9.7349

Details

The Hex color **435067** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675A43**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **74819A**, and **152438** is the 20% darker color. If you saturate the color by 10%, you get **394967**, and if you desaturate by 10%, it is **4D5767**.

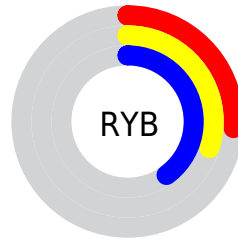
Distribution



Red (26%)

Green (31%)

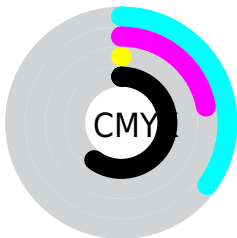
Blue (40%)



Red (26%)

Yellow (30%)

Blue (40%)

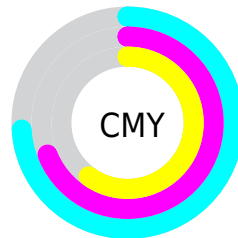


Cyan (35%)

Magenta (22%)

Yellow (0%)

Black (60%)



Cyan (74%)

Magenta (69%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 435067 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 435067 by changing the saturation by 10% instead.

■ 435067

■ 435067

FFFFFF

■ 2C394F

■ 74819A

■ 152438

■ 8E9BB5

■ 000E23

■ A9B6D1

■ 00000A

■ C4D1ED

■ 000000

■ E0EEFF

FDFFFF

■ 435067

■ 435067

■ 394967

■ 4D5767

■ 2E4367

■ 585D67

■ 243C67

■ 626467

■ 1A3667

■ 6C6A67

■ 0F2F67

■ 767167

■ 052967

■ 817767

■ 002567

■ 8B7E67

■ 958567

■ A08B67

Harmonies

Analogous

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



345365



435067



534C63

Triad

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



435067



674843



3C5545

Complementary

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



435067



675A43

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.



4A533C



435067



614B3A

Square

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



435067



67474E



574F38



305651

Rectangle

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



435067



5D495E



574F38



405541

Sweetspot

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



435067



7A7F87



43675A



3D4045



C4C4C4



454545

Same Dimension

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



435067



4E6387



484367



2E3033



002973



0057F2

Inverse Universe

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



674350



874E63



626743



332E30



730029



F20057

Previews

White Background



This preview shows how the Hex color 435067 looks on a white background.

Color Contrast Check

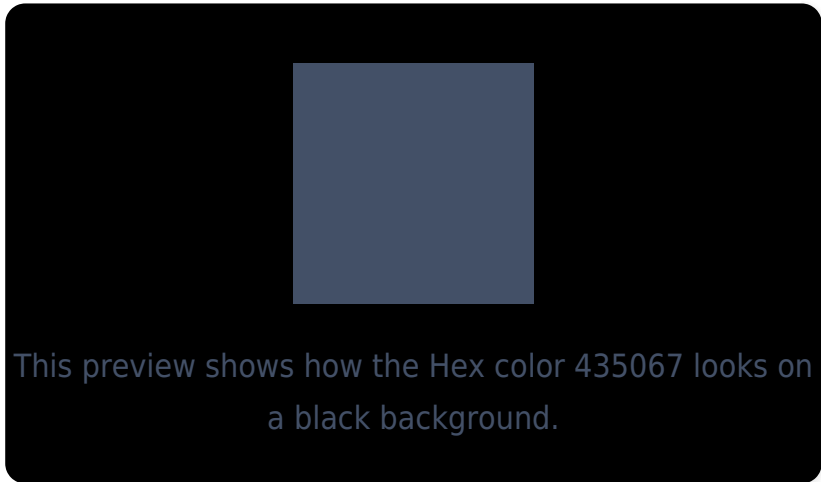
Large Text (above 18pt) WCAG AA ✓ Pass

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

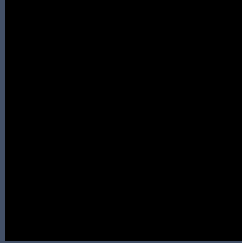
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

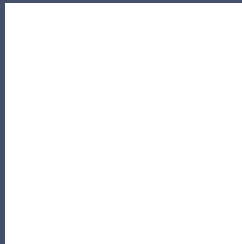
Any Text WCAG AAA × Fail

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

Hex 435067 Background



This preview shows how black text looks on a background with the Hex color 435067.

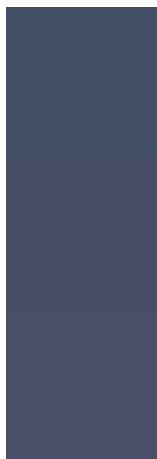


This preview shows how white text looks on a background with the Hex color 435067.

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
435067

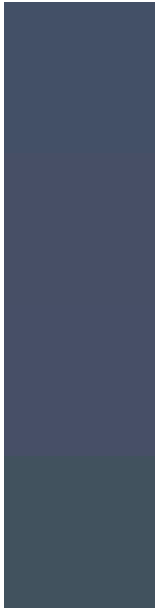
Protanopia
494E66

Deuteranopia
4A4E67



Tritanopia
405359

Trichromacy



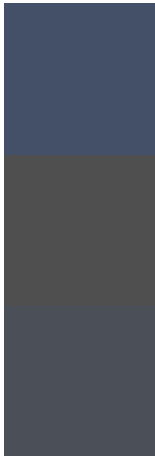
Original Color
435067

Protanomaly
474F66

Deuteranomaly
474F67

Tritanomaly
41525E

Monochromacy



Original Color
435067

Achromatopsia
4F4F4F

Achromatomaly
4B4F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 435067 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 #435067 looks like.

```
.text, #text, p{  
    color:#435067  
}
```

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 #435067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #435067
}
```

Border

The CSS property to change the border of an element to Hex 435067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

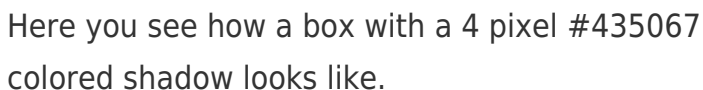
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#435067 }
```

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

```
.border{ border-color:#435067 }
```

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



Here you see how a box with a 4 pixel #435067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #435067; -webkit-box-shadow:4px 4px  
4px 4px #435067; box-shadow:4px 4px 4px  
4px #435067 }
```

Background

The CSS property to change the background color of an element to Hex 435067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#435067 }
```

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

```
.background{ background-color:#435067 }
```

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