

Converting Colors

Hex(434881)

Have a look what the booklet for
Hex(434881) contains.

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Color

Hex(434881)

Conversions

Conversions Part 1

Format	Color
Hex	434881
RGB	67, 72, 129
RGB Percent	26%, 28%, 51%
CMY	0.7373, 0.7176, 0.4941
CMYK	0.48, 0.44, 0.00, 0.49
HSL	235°, 32%, 38%
HSV	235°, 48%, 51%
XYZ	8.5946, 7.4130, 21.7467
YIQ	77.0030, -21.2770, 16.6670

Conversions

Conversions Part 2

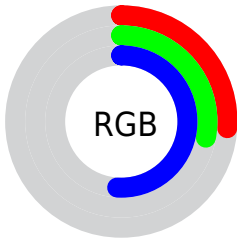
Format	Color
RYB	67, 72, 129
Decimal	4409473
CIELab	32.73, 14.38, -32.89
CIELCh	33, 35.898, 293.618
Yxy	7.4130, 0.2276, 0.1963
Android (android.graphics.Color)	4282599553 (0xFF434881)
YUV	77.0030, 25.6345, -8.7726
Hunter-Lab	27.2268, 8.6992, -28.2976

Details

The Hex color **434881** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **817C43**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7778B6**, and **0C1D4F** is the 20% darker color. If you saturate the color by 10%, you get **363C81**, and if you desaturate by 10%, it is **505481**.

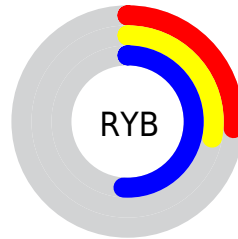
Distribution



Red (26%)

Green (28%)

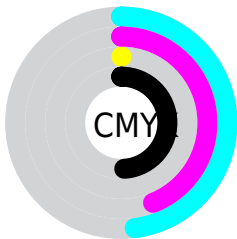
Blue (51%)



Red (26%)

Yellow (28%)

Blue (51%)

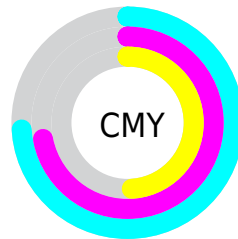


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (49%)



Cyan (74%)

Magenta (72%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434881 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 434881 by changing the saturation by 10% instead.

■ 434881

■ 434881

FFFFFF

■ 293268

■ 7778B6

■ 0C1D4F

■ 9192D2

■ 000338

■ ADADEE

■ 000222

■ C9C8FF

■ 000008

■ E5E4FF

■ 000000

■ 434881

■ 434881

■ 363C81

■ 505481

■ 293081

■ 5D6081

■ 1C2481

■ 6A6C81

■ 0F1981

■ 777781

■ 030D81

■ 848381

■ 000A81

■ 908F81

■ 9D9B81

■ AAA781

■ B7B381

Harmonies

Analogous

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



005285



434881



6A3C6F

Triad

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



434881



763E20



005A46

Complementary

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



434881



817C43

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.



22582A



434881



614910

Square

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



434881



803538



465215



005B63

Rectangle

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



434881



78355E



465215



005A3C

Sweetspot

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



434881



9193A8



43817C



464754



D4D4D4



545454

Same Dimension

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



434881



474FA8



5D4381



393A40



000A80



000000

Inverse Universe

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



814348



A8474F



678143



40393A



80000A



000000

Previews

White Background



This preview shows how the Hex color 434881 looks on a white background.

Color Contrast Check

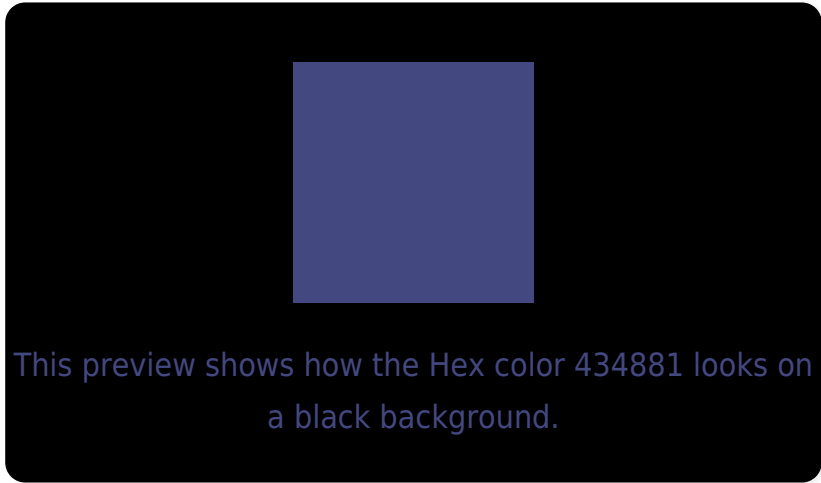
Large Text (above 18pt) WCAG AA ✓ Pass

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

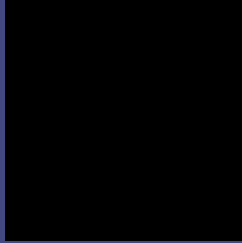
Any Text WCAG AA × Fail

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 434881 Background



This preview shows how black text looks on a background with the Hex color 434881.

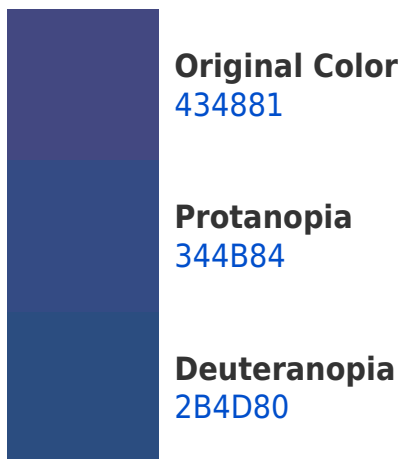


This preview shows how white text looks on a background with the Hex color 434881.

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





Tritanopia
375158

Trichromacy



Original Color
434881

Protanomaly
394A83

Deuteranomaly
344B80

Tritanomaly
3B4E67

Monochromacy



Original Color
434881

Achromatopsia
4D4D4D

Achromatomaly
494B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 434881 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 #434881 looks like.

```
.text, #text, p{  
    color:#434881  
}
```

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 #434881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434881
}
```

Border

The CSS property to change the border of an element to Hex 434881 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".

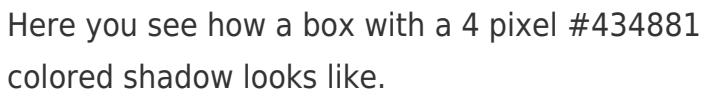
```
.border, #border, table{ border:4px solid
#434881 }
```

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

```
.border{ border-color:#434881 }
```

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

Here you see how a box with a 4 pixel #434881 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434881; -webkit-box-shadow:4px 4px  
4px 4px #434881; box-shadow:4px 4px 4px  
4px #434881 }
```

Background

The CSS property to change the background color of an element to Hex 434881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434881 }
```

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

```
.background{ background-color:#434881 }
```

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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