

Converting Colors

Hex(434973)

Have a look what the booklet for
Hex(434973) contains.

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Color

Hex(434973)

Conversions

Conversions Part 1

Format	Color
Hex	434973
RGB	67, 73, 115
RGB Percent	26%, 29%, 45%
CMY	0.7373, 0.7137, 0.5490
CMYK	0.42, 0.37, 0.00, 0.55
HSL	232°, 26%, 36%
HSV	232°, 42%, 45%
XYZ	7.7918, 7.1962, 17.1980
YIQ	75.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

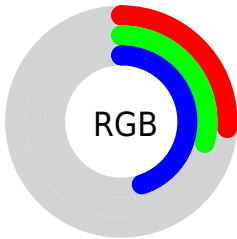
Format	Color
RYB	67, 72, 115
Decimal	4409715
CIELab	32.25, 9.23, -24.92
CIElCh	32, 26.578, 290.329
Yxy	7.1962, 0.2421, 0.2236
Android (android.graphics.Color)	4282599795 (0xFF434973)
YUV	75.9940, 19.2300, -7.8877
Hunter-Lab	26.8257, 4.9021, -19.2329

Details

The Hex color **434973** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **736D43**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7579A7**, and **121E43** is the 20% darker color. If you saturate the color by 10%, you get **383F73**, and if you desaturate by 10%, it is **4F5373**.

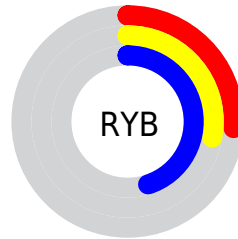
Distribution



Red (26%)

Green (29%)

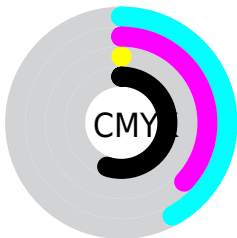
Blue (45%)



Red (26%)

Yellow (28%)

Blue (45%)

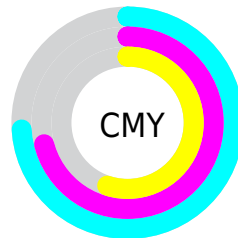


Cyan (42%)

Magenta (37%)

Yellow (0%)

Black (55%)



Cyan (74%)

Magenta (71%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434973 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 434973 by changing the saturation by 10% instead.

■ 434973

■ 434973

FFFFFF

■ 2B335A

■ 7579A7

■ 121E43

■ 8F93C2

■ 00042C

■ AAAEDE

■ 000117

■ C6C9FB

■ 000000

■ E2E5FF

■ 434973

■ 434973

■ 383F73

■ 4F5373

■ 2C3573

■ 5A5D73

■ 212B73

■ 666773

■ 152173

■ 717173

■ 091773

■ 7D7B73

■ 000E73

■ 888573

■ 938F73

■ 9F9A73

■ ABA473

Harmonies

Analogous

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



165075



434973



5F4167

Triad

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



434973



6D412C



0E5644

Complementary

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



434973



736D43

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.



325430



434973



5E4822

Square

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



434973



743B3E



4A4F23



00575A

Rectangle

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



434973



6B3D5A



4A4F23



1D563D

Sweetspot

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



434973



838596



43736D



40424D



CCCCCC



4D4D4D

Same Dimension

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



434973



4B5596



554373



35363B



000F7A



001FFA

Inverse Universe

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



734349



964B55



617343



3B3536



7A000F



FA001F

Previews

White Background



This preview shows how the Hex color 434973 looks on a white background.

Color Contrast Check

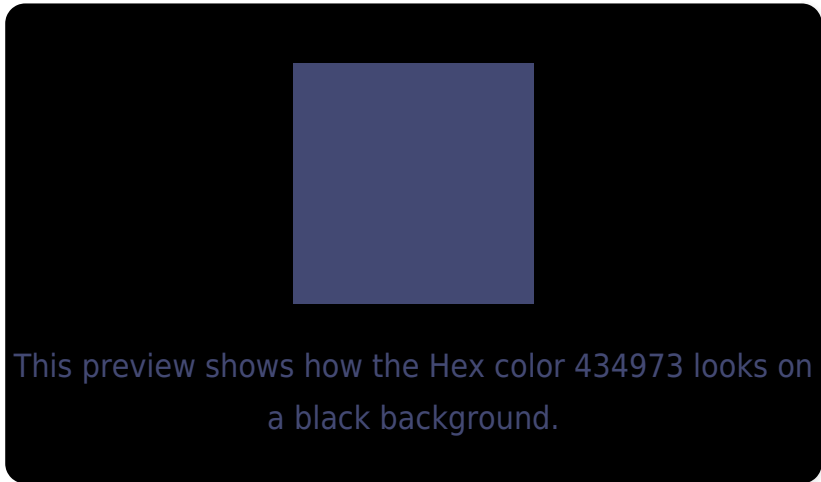
Large Text (above 18pt) WCAG AA ✓ Pass

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

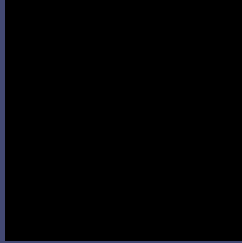
Any Text WCAG AA × Fail

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 434973 Background



This preview shows how black text looks on a background with the Hex color 434973.



This preview shows how white text looks on a background with the Hex color 434973.

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

434973

Protanopia

3D4A74

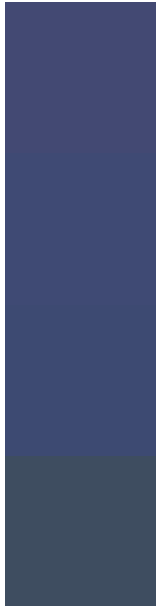
Deuteranopia

3A4B72



Tritanopia
3B4F55

Trichromacy



Original Color
434973

Protanomaly
3F4A74

Deuteranomaly
3D4A72

Tritanomaly
3E4D60

Monochromacy



Original Color
434973

Achromatopsia
4C4C4C

Achromatomaly
494B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 434973 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 #434973 looks like.

```
.text, #text, p{  
    color:#434973  
}
```

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 #434973 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434973  
}
```

Border

The CSS property to change the border of an element to Hex 434973 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  
#434973 }
```

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

```
.border{ border-color:#434973 }
```

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

Here you see how a box with a 4 pixel #434973 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434973; -webkit-box-shadow:4px 4px  
4px 4px #434973; box-shadow:4px 4px 4px  
4px #434973 }
```

Background

The CSS property to change the background color of an element to Hex 434973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434973 }
```

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

```
.background{ background-color:#434973 }
```

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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