

Converting Colors

Hex(434389)

Have a look what the booklet for
Hex(434389) contains.

Hex(434389)	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(434389)

Conversions

Conversions Part 1

Format	Color
Hex	434389
RGB	67, 67, 137
RGB Percent	26%, 26%, 54%
CMY	0.7373, 0.7373, 0.4627
CMYK	0.51, 0.51, 0.00, 0.46
HSL	240°, 34%, 40%
HSV	240°, 51%, 54%
XYZ	8.8373, 7.0137, 24.5549
YIQ	74.9800, -22.4700, 21.7700

Conversions

Conversions Part 2

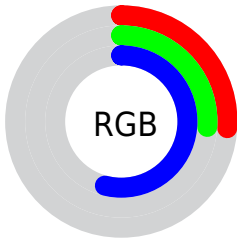
Format	Color
R_{YB}	67, 67, 137
Decimal	4408201
CIE _{Lab}	31.84, 20.32, -39.26
CIE _{LCh}	32, 44.203, 297.361
Yxy	7.0137, 0.2187, 0.1736
Android (android.graphics.Color)	4282598281 (0xFF434389)
YUV	74.9800, 30.5759, -6.9985
Hunter-Lab	26.4835, 13.2175, -36.4340

Details

The Hex color **434389** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **898943**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7873BF**, and **061856** is the 20% darker color. If you saturate the color by 10%, you get **353589**, and if you desaturate by 10%, it is **515189**.

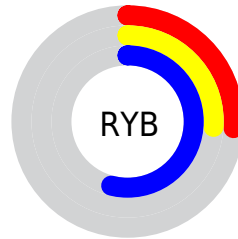
Distribution



Red (26%)

Green (26%)

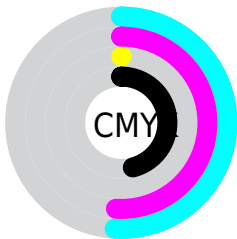
Blue (54%)



Red (26%)

Yellow (26%)

Blue (54%)

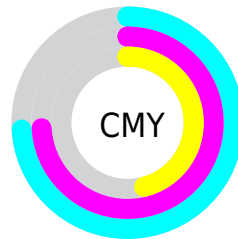


Cyan (51%)

Magenta (51%)

Yellow (0%)

Black (46%)



Cyan (74%)

Magenta (74%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 434389 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 434389 by changing the saturation by 10% instead.

■ 434389

■ 434389

FFFFFF

■ 282D6F

■ 7873BF

■ 061856

■ 938DDB

■ 00003F

■ AFA7F8

■ 000328

■ CBC2FF

■ 000112

■ E8DEFF

■ 000000

■ FFFBFF

■ 434389

■ 434389

■ 353589

■ 515189

■ 282889

■ 5E5E89

■ 1A1A89

■ 6C6C89

■ 0C0C89

■ 7A7A89

■ 000089

■ 888889

■ 959589

■ A3A389

■ B1B189

■ BEBE89

Harmonies

Analogous

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



005091



434389



713271

Triad

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



434389



773A0D



005A47

Complementary

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



434389



898943

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.



005823



434389



5E4800

Square

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



434389



862B2D



3C5200



005A6A

Rectangle

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



434389



81295B



3C5200



005A3B

Sweetspot

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



434389



9898B3



438989



494959



D9D9D9



595959

Same Dimension

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



434389



4646B3



664389



3E3E45



000085



000005

Inverse Universe

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



894389



B346B3



668943



453E45



850085



050005

Previews

White Background



This preview shows how the Hex color 434389 looks on a white background.

Color Contrast Check

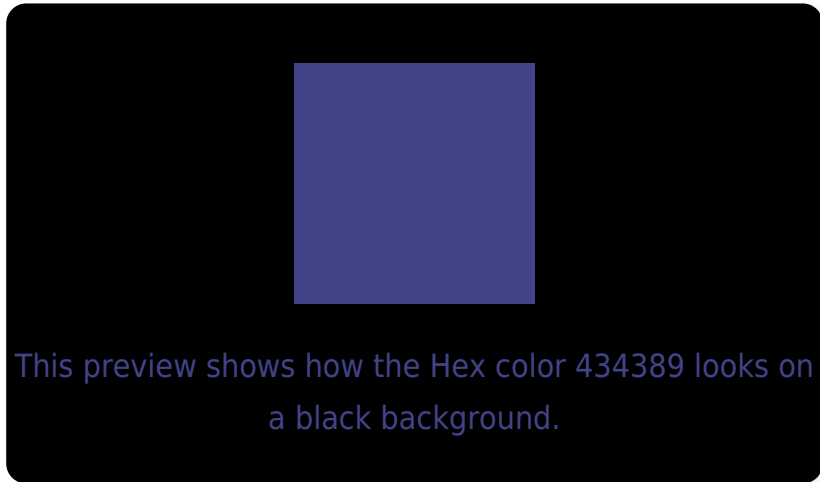
Large Text (above 18pt) WCAG AA ✓ Pass

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

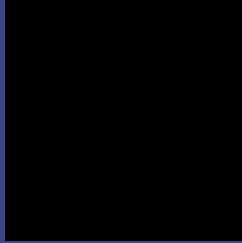
Any Text WCAG AA × Fail

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 434389 Background



This preview shows how black text looks on a background with the Hex color 434389.

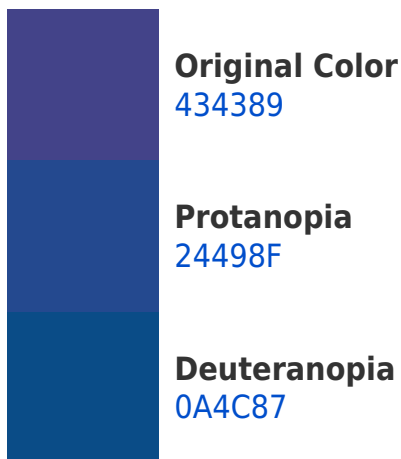


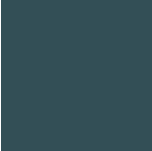
This preview shows how white text looks on a background with the Hex color 434389.

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
334F56

Trichromacy



Original Color
434389

Protanomaly
2F478D

Deuteranomaly
1F4988

Tritanomaly
394B69

Monochromacy



Original Color
434389

Achromatopsia
4B4B4B

Achromatomaly
484862

CSS Examples

Text

The CSS property to change the color of the text to Hex 434389 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 #434389 looks like.

```
.text, #text, p{  
    color:#434389  
}
```

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 #434389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #434389
}
```

Border

The CSS property to change the border of an element to Hex 434389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

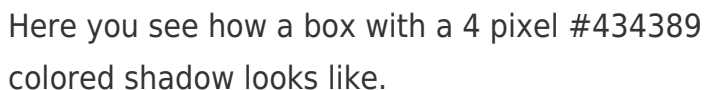
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#434389 }
```

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

```
.border{ border-color:#434389 }
```

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



Here you see how a box with a 4 pixel #434389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #434389; -webkit-box-shadow:4px 4px  
4px 4px #434389; box-shadow:4px 4px 4px  
4px #434389 }
```

Background

The CSS property to change the background color of an element to Hex 434389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#434389 }
```

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

```
.background{ background-color:#434389 }
```

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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