

# Converting Colors

Hex(4381A3)

Have a look what the booklet for  
Hex(4381A3) contains.

<b>Hex(4381A3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4381A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4381A3
RGB	67, 129, 163
RGB Percent	26%, 51%, 64%
CMY	0.7373, 0.4941, 0.3608
CMYK	0.59, 0.21, 0.00, 0.36
HSL	201°, 42%, 45%
HSV	201°, 59%, 64%
XYZ	16.7759, 19.5381, 37.5374
YIQ	114.3380, -47.8660, -2.5700

# Conversions

## Conversions Part 2

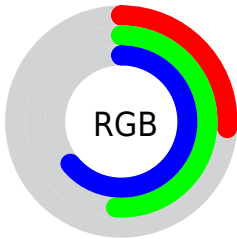
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 105, 163
Decimal	4424099
CIELab	51.31, -9.66, -24.18
CIElCh	51, 26.044, 248.218
Yxy	19.5381, 0.2272, 0.2646
Android (android.graphics.Color)	4282614179 (0xFF4381A3)
YUV	114.3380, 23.9904, -41.5154
Hunter-Lab	44.2020, -9.6078, -19.4091

# Details

The Hex color **4381A3** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **A36543**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7BB6DA**, and **00506F** is the 20% darker color. If you saturate the color by 10%, you get **337BA3**, and if you desaturate by 10%, it is **5387A3**.

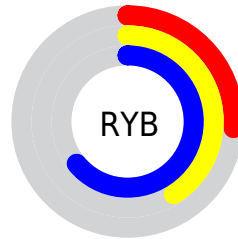
# Distribution



Red (26%)

Green (51%)

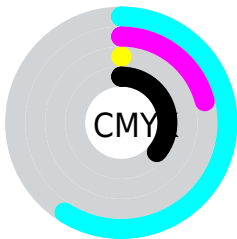
Blue (64%)



Red (26%)

Yellow (41%)

Blue (64%)

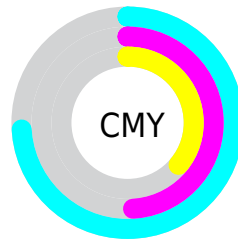


Cyan (59%)

Magenta (21%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (49%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4381A3 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 4381A3 by changing the saturation by 10% instead.



4381A3

4381A3

FFFFFF

246889

7BB6DA

00506F

97D1F7

003957

B3EEFF

00243F

D0FFFF

000C29

EDFFFF

000114

000000

4381A3

4381A3

337BA3

5387A3

■ 2275A3

■ 648DA3

■ 1270A3

■ 7492A3

■ 026AA3

■ 8498A3

■ 0069A3

■ 959EA3

■ A5A4A3

■ B5A9A3

■ C5AFA3

■ D6B5A3

# Harmonies

## Analogous

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



2D8595



4381A3



657AA6

# Triad

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



4381A3



A66975



6B8157

# Complementary

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



4381A3



A36543

# 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.



837B4E



4381A3



A46C60

# Square

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



4381A3



9B6C8B



977351



518569

# Rectangle

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



4381A3



7B75A1



977351



747F52



# Sweetspot

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



4381A3



AEC6D4



43A365



54636B



EBEBEB



6B6B6B



# Same Dimension

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



4381A3



3D9ED4



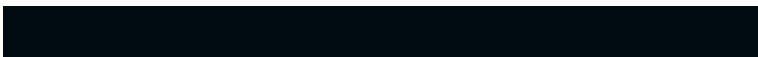
4351A3



494F52



005E91



000C12



# Inverse Universe

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



A34381



D43D9E



A39543



52494F



91005E



12000C



# Previews

## White Background



This preview shows how the Hex color 4381A3 looks on a white background.

## Color Contrast Check

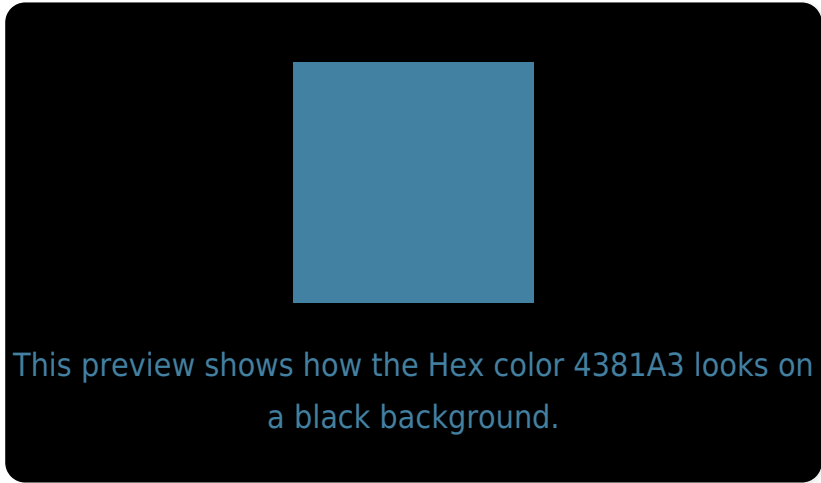
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 4381A3 Background



This preview shows how black text looks on a background with the Hex color 4381A3.

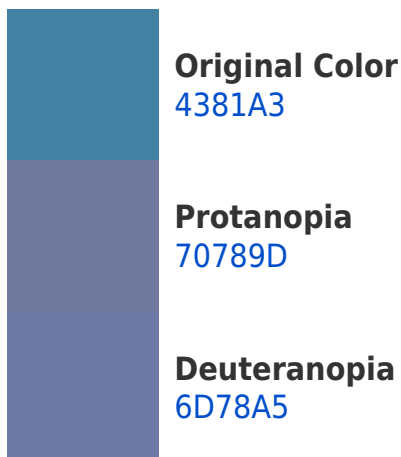


This preview shows how white text looks on a background with the Hex color 4381A3.

# 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](#).

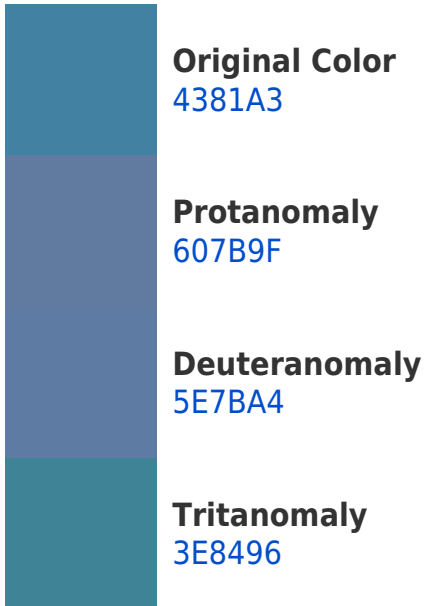
## Dichromacy



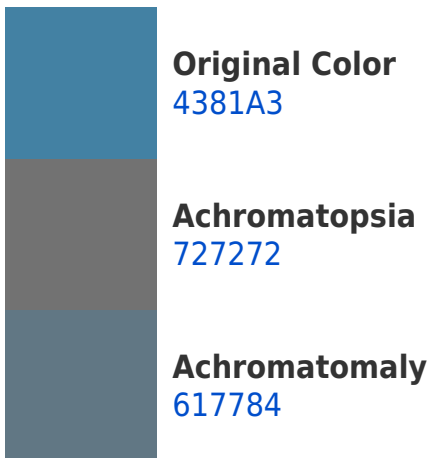


**Tritanopia**  
3B858F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4381A3 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 #4381A3 looks like.

```
.text, #text, p{  
    color:#4381A3  
}
```

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 #4381A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4381A3  
}
```

## Border

The CSS property to change the border of an element to Hex 4381A3 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  
#4381A3 }
```

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

```
.border{ border-color:#4381A3 }
```

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

Here you see how a box with a 4 pixel #4381A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4381A3; -webkit-box-shadow:4px 4px  
4px 4px #4381A3; box-shadow:4px 4px 4px  
4px #4381A3 }
```

# Background

The CSS property to change the background color of an element to Hex 4381A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4381A3 }
```

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

```
.background{ background-color:#4381A3 }
```

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