

# Converting Colors

Hex(43438B)

Have a look what the booklet for  
Hex(43438B) contains.

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# Color

**Hex(43438B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	43438B
RGB	67, 67, 139
RGB Percent	26%, 26%, 55%
CMY	0.7373, 0.7373, 0.4549
CMYK	0.52, 0.52, 0.00, 0.45
HSL	240°, 35%, 40%
HSV	240°, 52%, 55%
XYZ	8.9821, 7.0717, 25.3177
YIQ	75.2080, -23.1120, 22.3920

# Conversions

## Conversions Part 2

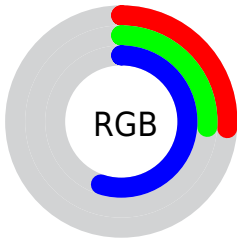
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 67, 139
Decimal	4408203
CIELab	31.97, 20.98, -40.28
CIElCh	32, 45.415, 297.514
Yxy	7.0717, 0.2171, 0.1709
Android (android.graphics.Color)	4282598283 (0xFF43438B)
YUV	75.2080, 31.4495, -7.1984
Hunter-Lab	26.5926, 13.7542, -37.8325

# Details

The Hex color **43438B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B8B43**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7873C1**, and **041858** is the 20% darker color. If you saturate the color by 10%, you get **35358B**, and if you desaturate by 10%, it is **51518B**.

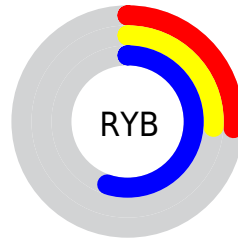
# Distribution



Red (26%)

Green (26%)

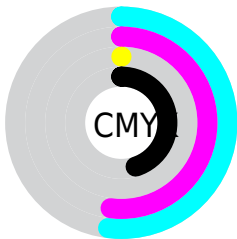
Blue (55%)



Red (26%)

Yellow (26%)

Blue (55%)

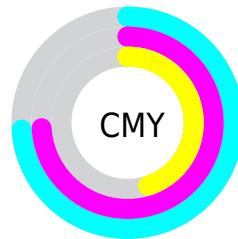


Cyan (52%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (74%)

Magenta (74%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43438B 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 43438B by changing the saturation by 10% instead.



■ 43438B

■ 43438B

FFFFFF

■ 282D71

■ 7873C1

■ 041858

■ 938DDD

■ 000040

■ AFA7FA

■ 00032A

■ CBC2FF

■ 000114

■ E8DEFF

■ 000000

■ FFFBFF

■ 43438B

■ 43438B

■ 35358B

■ 51518B

■ 27278B

■ 5F5F8B

■ 19198B

■ 6D6D8B

■ 0B0B8B

■ 7B7B8B

■ 00008B

■ 89898B

■ 96968B

■ A4A48B

■ B2B28B

■ C0C08B

# Harmonies

## Analogous

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



005093



43438B



733172

# Triad

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



43438B



793A0B



005B47

# Complementary

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



43438B



8B8B43

# 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.



005822



43438B



5E4900

# Square

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



43438B



882A2D



3B5300



005B6B

# Rectangle

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



43438B



83275C



3B5300



005A3B



# Sweetspot

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



43438B



9898B5



438B8B



4A4A5C



DBDBDB



5C5C5C



# Same Dimension

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



43438B



4545B5



67438B



3E3E45



000085



000005



# Inverse Universe

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



8B438B



B545B5



678B43



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 43438B looks on a white background.

## Color Contrast Check

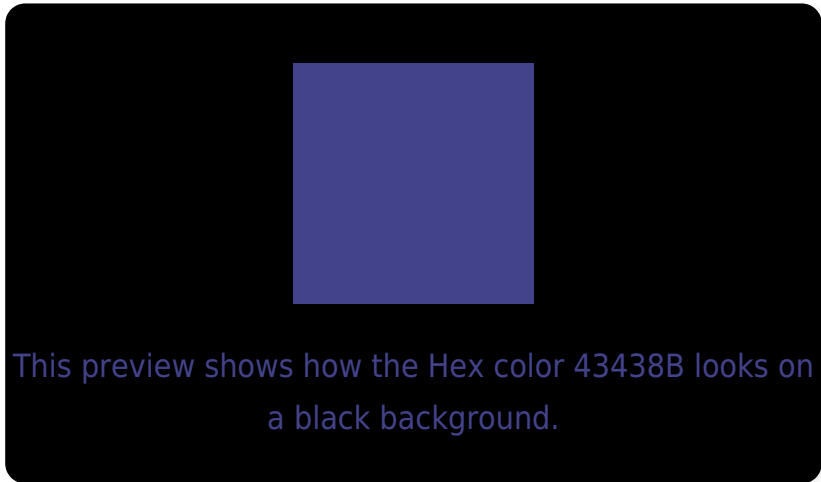
Large Text (above 18pt) WCAG AA ✓ Pass

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

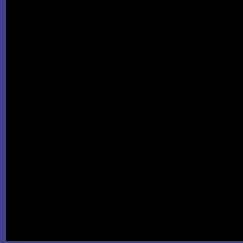
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 43438B Background



This preview shows how black text looks on a background with the Hex color 43438B.



This preview shows how white text looks on a background with the Hex color 43438B.

# 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](#).

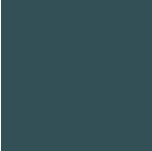
## Dichromacy



**Original Color**  
43438B

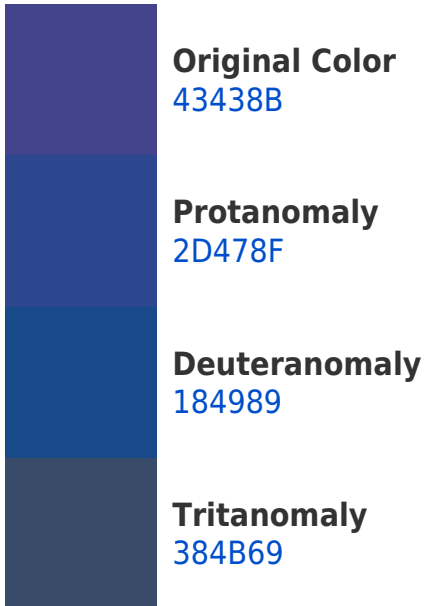
**Protanopia**  
214991

**Deuteranopia**  
004D88



**Tritanopia**  
325056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43438B 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 #43438B looks like.

```
.text, #text, p{  
    color:#43438B  
}
```

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 #43438B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43438B
}
```

## Border

The CSS property to change the border of an element to Hex 43438B is called "border". The border property can be set on classes, ids or directly on the HTML element.

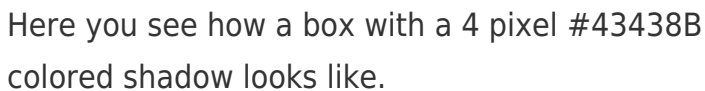
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#43438B }
```

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

```
.border{ border-color:#43438B }
```

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



Here you see how a box with a 4 pixel #43438B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43438B; -webkit-box-shadow:4px 4px  
4px 4px #43438B; box-shadow:4px 4px 4px  
4px #43438B }
```

# Background

The CSS property to change the background color of an element to Hex 43438B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43438B }
```

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

```
.background{ background-color:#43438B }
```

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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