

# Converting Colors

Hex(38448B)

Have a look what the booklet for  
Hex(38448B) contains.

<b>Hex(38448B)</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(38448B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	38448B
RGB	56, 68, 139
RGB Percent	22%, 27%, 55%
CMY	0.7804, 0.7333, 0.4549
CMYK	0.60, 0.51, 0.00, 0.45
HSL	231°, 43%, 38%
HSV	231°, 60%, 55%
XYZ	8.3582, 6.8391, 25.3056
YIQ	72.5060, -29.9430, 19.5370

# Conversions

## Conversions Part 2

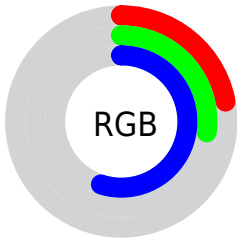
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 66, 139
Decimal	3687563
CIELab	31.44, 17.87, -41.18
CIELCh	31, 44.888, 293.463
Yxy	6.8391, 0.2064, 0.1689
Android (android.graphics.Color)	4281877643 (0xFF38448B)
YUV	72.5060, 32.7815, -14.4758
Hunter-Lab	26.1516, 11.2843, -39.0659

# Details

The Hex color **38448B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8B7F38**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6E74C1**, and **001A58** is the 20% darker color. If you saturate the color by 10%, you get **2A388B**, and if you desaturate by 10%, it is **46508B**.

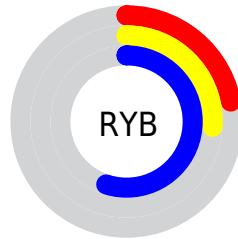
# Distribution



Red (22%)

Green (27%)

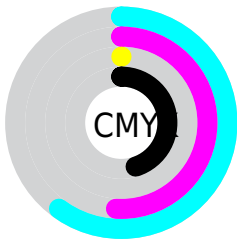
Blue (55%)



Red (22%)

Yellow (26%)

Blue (55%)

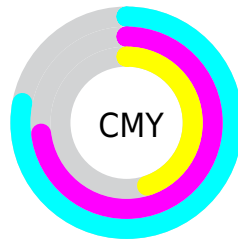


Cyan (60%)

Magenta (51%)

Yellow (0%)

Black (45%)



Cyan (78%)

Magenta (73%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38448B 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 38448B by changing the saturation by 10% instead.





38448B



38448B

FFFFFF



1A2E71



6E74C1



001A58



8A8DDD



000040



A5A8FA



000329



C2C3FF



000114



DEDEFF



000000



FCFBFF



38448B



38448B



2A388B



46508B

■ 1C2C8B

■ 545C8B

■ 0E208B

■ 62688B

■ 00148B

■ 70748B

■ 7E7F8B

■ 8B8B8B

■ 99978B

■ A7A38B

■ B5AF8B

# Harmonies

## Analogous

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



005190



38448B



6C3374

# Triad

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



38448B



793710



005941

# Complementary

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



38448B



8B7F38

# 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.



04561D



38448B



614600

# Square

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



38448B



872730



3F5000



005A65

# Rectangle

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



38448B



7F285F



3F5000



005935



# Sweetspot

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



38448B



9499B5



388B7F



484B5C



DBDBDB



5C5C5C



# Same Dimension

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



38448B



3346B5



55388B



3E3F45



001385



000105



# Inverse Universe

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



8B3844



B53346



6E8B38



453E3F



850013



050001



# Previews

## White Background



This preview shows how the Hex color 38448B looks on a white background.

## Color Contrast Check

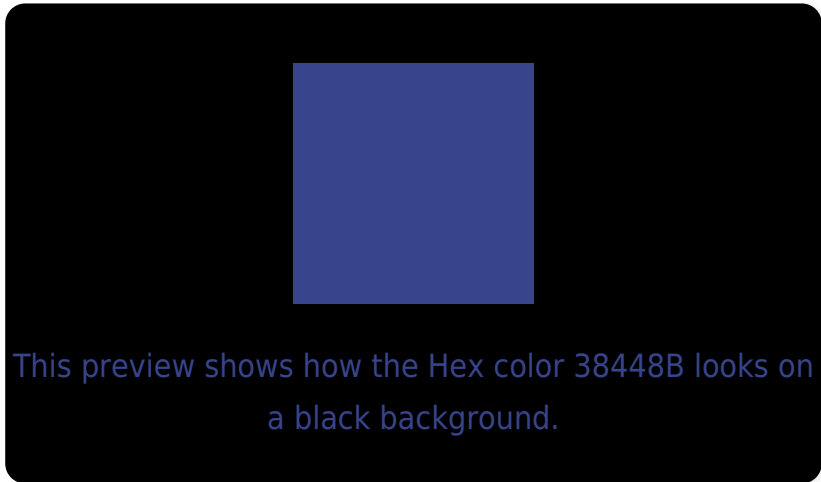
Large Text (above 18pt) WCAG AA ✓ Pass

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

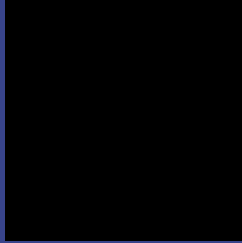
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 38448B Background



This preview shows how black text looks on a background with the Hex color 38448B.

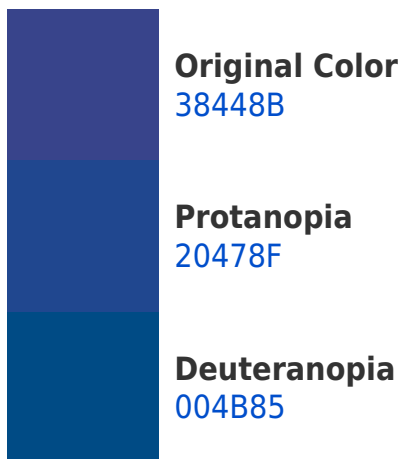


This preview shows how white text looks on a background with the Hex color 38448B.

# 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](#).

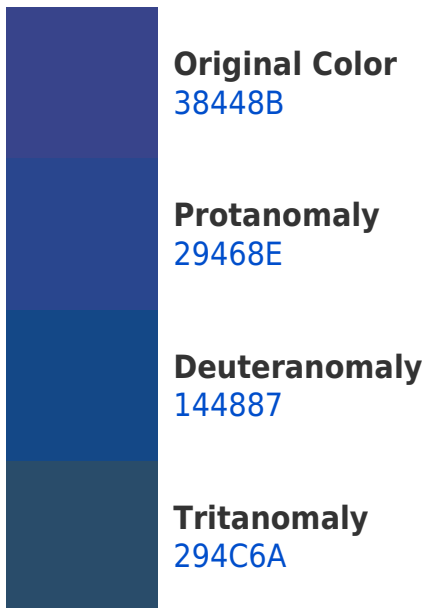
## Dichromacy



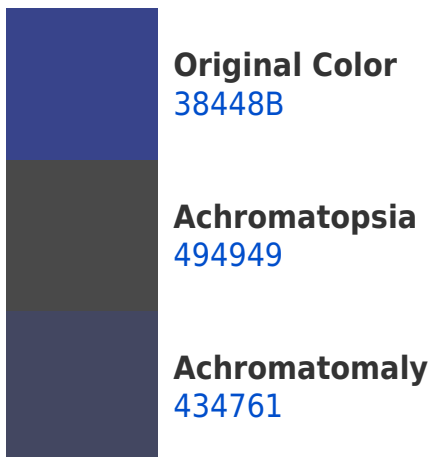


**Tritanopia**  
215157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38448B 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 #38448B looks like.

```
.text, #text, p{  
    color:#38448B  
}
```

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 #38448B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38448B
}
```

## Border

The CSS property to change the border of an element to Hex 38448B is called "border". The border property can be set on classes, ids or directly on the HTML element.

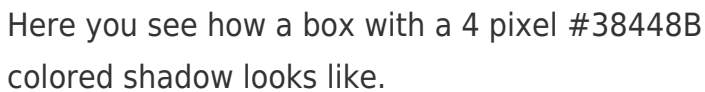
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38448B }
```

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

```
.border{ border-color:#38448B }
```

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



Here you see how a box with a 4 pixel #38448B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38448B; -webkit-box-shadow:4px 4px  
4px 4px #38448B; box-shadow:4px 4px 4px  
4px #38448B }
```

# Background

The CSS property to change the background color of an element to Hex 38448B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38448B }
```

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

```
.background{ background-color:#38448B }
```

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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