

# Converting Colors

Hex(42398F)

Have a look what the booklet for  
Hex(42398F) contains.

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# Color

**Hex(42398F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	42398F
RGB	66, 57, 143
RGB Percent	26%, 22%, 56%
CMY	0.7412, 0.7765, 0.4392
CMYK	0.54, 0.60, 0.00, 0.44
HSL	246°, 43%, 39%
HSV	246°, 60%, 56%
XYZ	8.6678, 6.0677, 26.7009
YIQ	69.4950, -22.2420, 28.6540

# Conversions

## Conversions Part 2

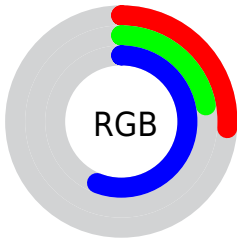
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 57, 143
Decimal	4340111
CIE <sub>Lab</sub>	29.58, 28.58, -46.59
CIE <sub>LCh</sub>	30, 54.662, 301.525
Yxy	6.0677, 0.2092, 0.1464
Android (android.graphics.Color)	4282530191 (0xFF42398F)
YUV	69.4950, 36.2380, -3.0651
Hunter-Lab	24.6327, 19.7040, -47.0254

# Details

The Hex color **42398F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **868F39**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **7868C5**, and **000F5C** is the 20% darker color. If you saturate the color by 10%, you get **352B8F**, and if you desaturate by 10%, it is **4F478F**.

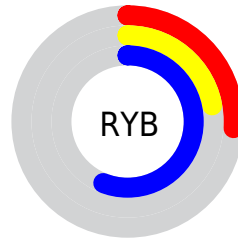
# Distribution



Red (26%)

Green (22%)

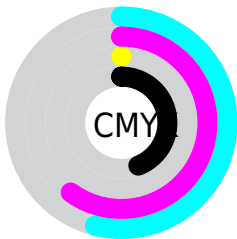
Blue (56%)



Red (26%)

Yellow (22%)

Blue (56%)

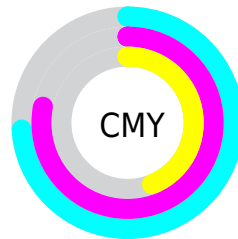


Cyan (54%)

Magenta (60%)

Yellow (0%)

Black (44%)



Cyan (74%)

Magenta (78%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42398F 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 42398F by changing the saturation by 10% instead.



■ 42398F

■ 42398F

FFFFFF

■ 252375

■ 7868C5

■ 000F5C

■ 9482E2

■ 000044

■ B09CFF

■ 00032C

■ CCB7FF

■ 000117

■ E9D3FF

■ 000000

■ FFEFFF

■ 42398F

■ 42398F

■ 352B8F

■ 4F478F

■ 281C8F

■ 5C568F

■ 1C0E8F

■ 68648F

■ 0F008F

■ 75728F

■ 82818F

■ 8F8F8F

■ 9C9D8F

■ A8AB8F

■ B5BA8F

# Harmonies

## Analogous

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



004B9C



42398F



781D6F

# Triad

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



42398F



753300



005747

# Complementary

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



42398F



868F39

# 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.



005519



42398F



544500

# Square

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



42398F



89171C



294F00



005771

# Rectangle

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



42398F



890554



294F00



005738



# Sweetspot

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



42398F



9C99BA



39868F



4C4A5E



DEDEDE



5E5E5E



# Same Dimension

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



42398F



4234BA



6D398F



414047



0E0087



010008



# Inverse Universe

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



8F3986



BA34AC



5B8F39



474047



870079



080007



# Previews

## White Background



This preview shows how the Hex color 42398F looks on a white background.

## Color Contrast Check

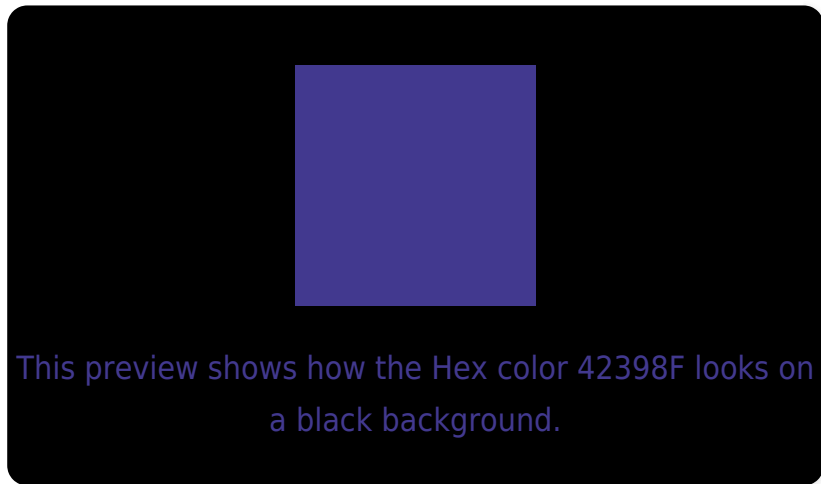
Large Text (above 18pt) WCAG AA ✓ Pass

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

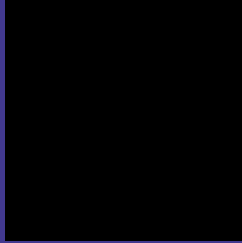
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42398F Background



This preview shows how black text looks on a background with the Hex color 42398F.

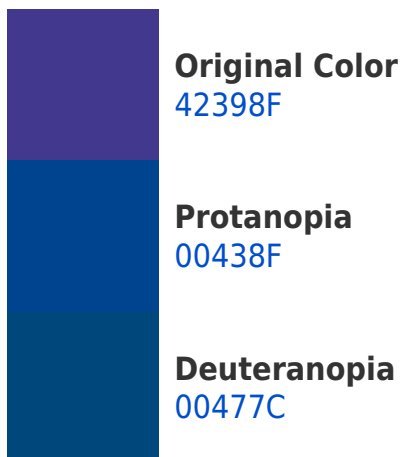


This preview shows how white text looks on a background with the Hex color 42398F.

# 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](#).

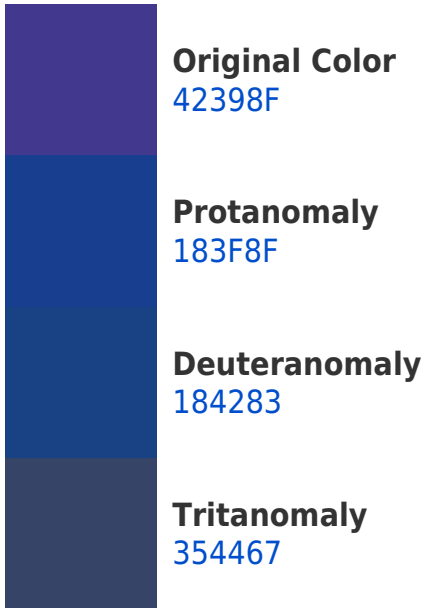
## Dichromacy





**Tritanopia**  
2D4A50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42398F 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 #42398F looks like.

```
.text, #text, p{  
    color:#42398F  
}
```

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 #42398F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42398F
}
```

## Border

The CSS property to change the border of an element to Hex 42398F is called "border". The border property can be set on classes, ids or directly on the HTML element.

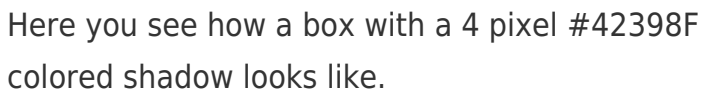
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42398F }
```

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

```
.border{ border-color:#42398F }
```

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



Here you see how a box with a 4 pixel #42398F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42398F; -webkit-box-shadow:4px 4px  
4px 4px #42398F; box-shadow:4px 4px 4px  
4px #42398F }
```

# Background

The CSS property to change the background color of an element to Hex 42398F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42398F }
```

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

```
.background{ background-color:#42398F }
```

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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