

# Converting Colors

Hex(53438F)

Have a look what the booklet for  
Hex(53438F) contains.

|  |    |
|--|----|
| <b>Hex(53438F)</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(53438F)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 53438F                     |
| RGB           | 83, 67, 143                |
| RGB Percent   | 33%, 26%, 56%              |
| CMY           | 0.6745, 0.7373, 0.4392     |
| CMYK          | 0.42, 0.53, 0.00, 0.44     |
| HSL           | 253°, 36%, 41%             |
| HSV           | 253°, 53%, 56%             |
| XYZ           | 10.5324, 7.8365, 26.9441   |
| YIQ           | 80.4480, -14.8600, 27.0280 |

# Conversions

## Conversions Part 2

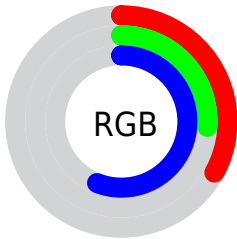
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | <b>83, 67, 143</b>            |
| Decimal                             | 5456783                       |
| CIE <sub>Lab</sub>                  | 33.64, 26.19, -39.98          |
| CIE <sub>LCh</sub>                  | 34, 47.795, 303.233           |
| Yxy                                 | 7.8365, 0.2324,<br>0.1729     |
| Android<br>(android.graphics.Color) | 4283646863<br>(0xFF53438F)    |
| YUV                                 | 80.4480, 30.8381,<br>2.2381   |
| Hunter-Lab                          | 27.9937, 18.1699,<br>-37.4713 |

# Details

The Hex color **53438F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7F8F43**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8873C5**, and **1E175C** is the 20% darker color. If you saturate the color by 10%, you get **48358F**, and if you desaturate by 10%, it is **5E518F**.

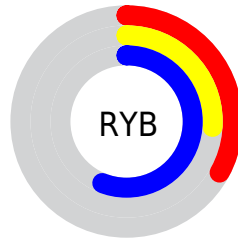
# Distribution



Red (33%)

Green (26%)

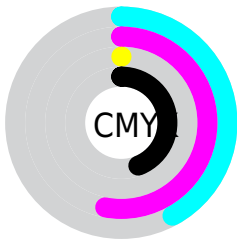
Blue (56%)



Red (33%)

Yellow (26%)

Blue (56%)

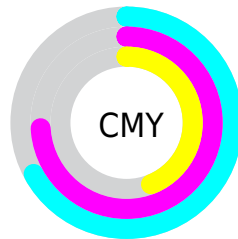


Cyan (42%)

Magenta (53%)

Yellow (0%)

Black (44%)



Cyan (67%)

Magenta (74%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53438F 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 53438F by changing the saturation by 10% instead.



■ 53438F

■ 53438F

FFFFFF

■ 392C75

■ 8873C5

■ 1E175C

■ A38DE2

■ 000044

■ BFA8FE

■ 00032D

■ DCC3FF

■ 000117

■ F9DFFF

■ 000000

■ FFFCFF

■ 53438F

■ 53438F

■ 48358F

■ 5E518F

■ 3C268F

■ 6A608F

■ 31188F

■ 756E8F

■ 260A8F

■ 807C8F

■ 1E008F

■ 8B8B8F

■ 97998F

■ A2A78F

■ ADB58F

■ B9C48F

# Harmonies

## Analogous

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



00539B



53438F



7F3072

# Triad

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



53438F



7A4003



006052

# Complementary

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



53438F



7F8F43

# 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.



005E2B



53438F



5D4F00

# Square

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



53438F



8E2E28



355902



006078

# Rectangle

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



53438F



8D2659



355902



006045



# Sweetspot

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



53438F



A39CBA



43808F



504C5E



DEDEDE



5E5E5E



# Same Dimension

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



53438F



5C43BA



78438F



424047



1C0087



020008



# Inverse Universe

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



8F437F



BA43A1



5A8F43



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 53438F looks on a white background.

## Color Contrast Check

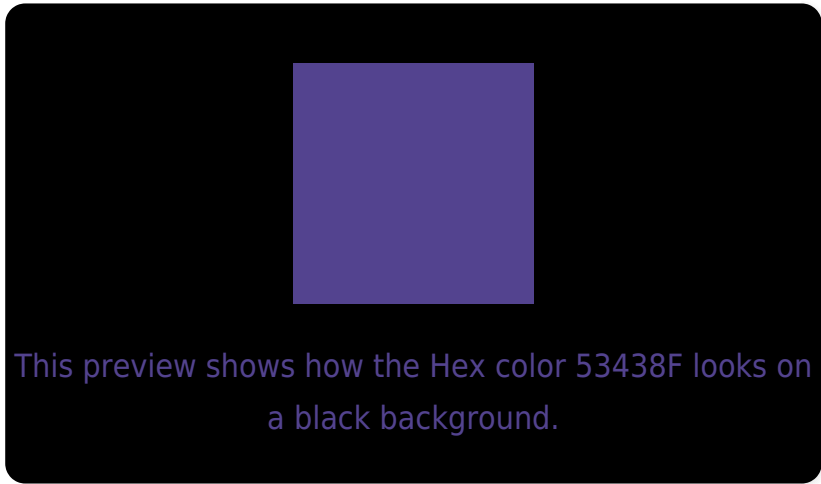
Large Text (above 18pt) WCAG AA ✓ Pass

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

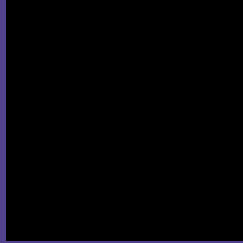
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 53438F Background



This preview shows how black text looks on a background with the Hex color 53438F.



This preview shows how white text looks on a background with the Hex color 53438F.

# 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](#).

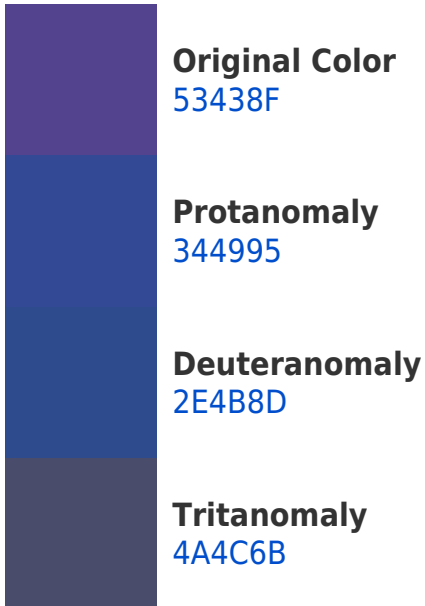
## Dichromacy



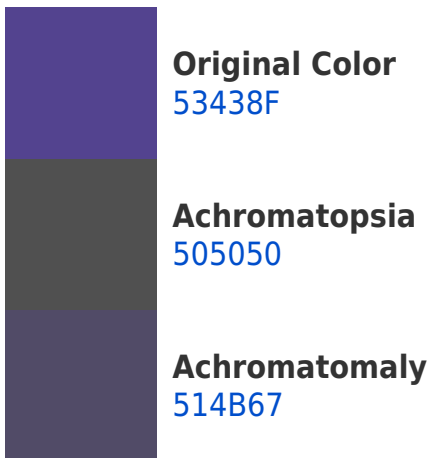


**Tritanopia**  
455157

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53438F 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 #53438F looks like.

```
.text, #text, p{  
    color:#53438F  
}
```

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 #53438F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53438F
}
```

## Border

The CSS property to change the border of an element to Hex 53438F is called "border". The border property can be set on classes, ids or directly on the HTML element.

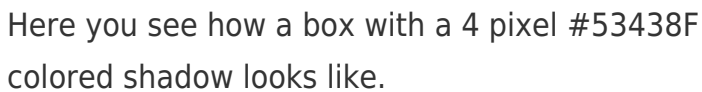
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#53438F }
```

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

```
.border{ border-color:#53438F }
```

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



Here you see how a box with a 4 pixel #53438F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53438F; -webkit-box-shadow:4px 4px  
4px 4px #53438F; box-shadow:4px 4px 4px  
4px #53438F }
```

# Background

The CSS property to change the background color of an element to Hex 53438F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53438F }
```

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

```
.background{ background-color:#53438F }
```

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