

Converting Colors

Hex(51408F)

Have a look what the booklet for
Hex(51408F) contains.

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Color

Hex(51408F)

Conversions

Conversions Part 1

Format	Color
Hex	51408F
RGB	81, 64, 143
RGB Percent	32%, 25%, 56%
CMY	0.6824, 0.7490, 0.4392
CMYK	0.43, 0.55, 0.00, 0.44
HSL	253°, 38%, 41%
HSV	253°, 55%, 56%
XYZ	10.1847, 7.3993, 26.8780
YIQ	78.0890, -15.2270, 28.1730

Conversions

Conversions Part 2

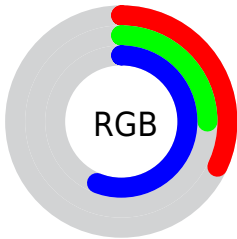
Format	Color
R_{YB}	81, 64, 143
Decimal	5324943
CIE _{Lab}	32.70, 27.58, -41.50
CIE _{LCh}	33, 49.824, 303.606
Yxy	7.3993, 0.2291, 0.1664
Android (android.graphics.Color)	4283515023 (0xFF51408F)
YUV	78.0890, 32.0011, 2.5529
Hunter-Lab	27.2016, 19.2299, -39.5435

Details

The Hex color **51408F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7E8F40**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **8670C5**, and **1B145C** is the 20% darker color. If you saturate the color by 10%, you get **46328F**, and if you desaturate by 10%, it is **5C4E8F**.

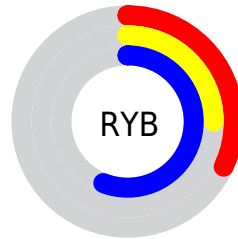
Distribution



Red (32%)

Green (25%)

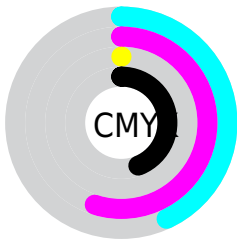
Blue (56%)



Red (32%)

Yellow (25%)

Blue (56%)

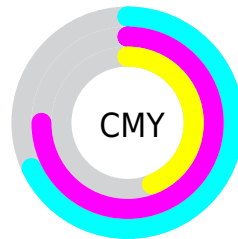


Cyan (43%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (68%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51408F 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 51408F by changing the saturation by 10% instead.

■ 51408F

■ 51408F

FFFFFF

■ 372A75

■ 8670C5

■ 1B145C

■ A18AE2

■ 000044

■ BDA4FE

■ 00032D

■ DAC0FF

■ 000117

■ F7DBFF

■ 000000

■ FFF8FF

■ 51408F

■ 51408F

■ 46328F

■ 5C4E8F

■ 3B238F

■ 675D8F

■ 2F158F

■ 736B8F

■ 24078F

■ 7E798F

■ 1F008F

■ 89888F

■ 94968F

■ A0A48F

■ ABB28F

■ B6C18F

Harmonies

Analogous

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



00509C



51408F



7F2B71

Triad

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



51408F



793D00



005E51

Complementary

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



51408F



7E8F40

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.



005C28



51408F



5A4D00

Square

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



51408F



8D2A24



315700



005E78

Rectangle

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



51408F



8D2057



315700



005E43

Sweetspot

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



51408F



A19BBA



407F8F



504B5E



DEDEDE



5E5E5E

Same Dimension

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



51408F



5A3FBA



77408F



424047



1D0087



020008

Inverse Universe

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



8F407E



BA3FA0



588F40



474046



87006A



080006

Previews

White Background



This preview shows how the Hex color 51408F looks on a white background.

Color Contrast Check

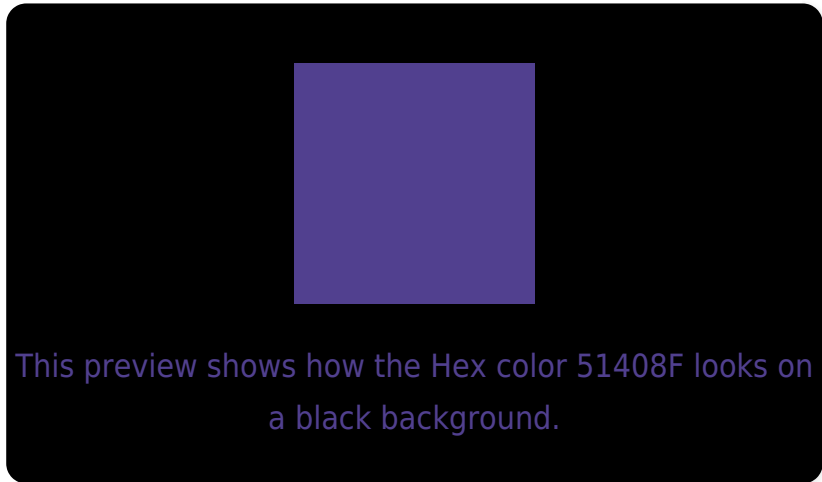
Large Text (above 18pt) WCAG AA ✓ Pass

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 51408F Background



This preview shows how black text looks on a background with the Hex color 51408F.

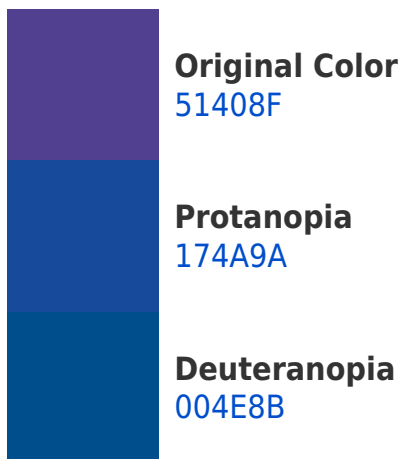


This preview shows how white text looks on a background with the Hex color 51408F.

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
434F55

Trichromacy



Original Color
51408F

Protanomaly
2C4696

Deuteranomaly
1D498C

Tritanomaly
484A6A

Monochromacy



Original Color
51408F

Achromatopsia
4E4E4E

Achromatomaly
4F4966

CSS Examples

Text

The CSS property to change the color of the text to Hex 51408F 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 #51408F looks like.

```
.text, #text, p{  
    color:#51408F  
}
```

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 #51408F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51408F
}
```

Border

The CSS property to change the border of an element to Hex 51408F is called "border". The border property can be set on classes, ids or directly on the HTML element.

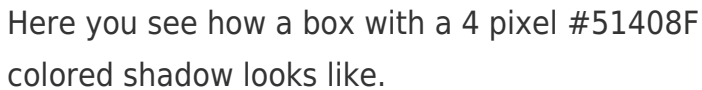
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51408F }
```

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

```
.border{ border-color:#51408F }
```

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



Here you see how a box with a 4 pixel #51408F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51408F; -webkit-box-shadow:4px 4px  
4px 4px #51408F; box-shadow:4px 4px 4px  
4px #51408F }
```

Background

The CSS property to change the background color of an element to Hex 51408F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51408F }
```

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

```
.background{ background-color:#51408F }
```

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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