

# Converting Colors

Hex(5B408B)

Have a look what the booklet for  
Hex(5B408B) contains.

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# Color

**Hex(5B408B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B408B
RGB	91, 64, 139
RGB Percent	36%, 25%, 55%
CMY	0.6431, 0.7490, 0.4549
CMYK	0.35, 0.54, 0.00, 0.45
HSL	262°, 37%, 40%
HSV	262°, 54%, 55%
XYZ	10.8080, 7.7550, 25.3533
YIQ	80.6230, -7.9830, 29.0490

# Conversions

## Conversions Part 2

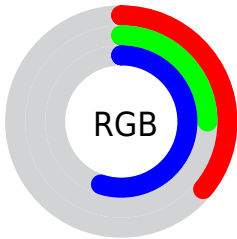
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 64, 139
Decimal	5980299
CIE <sub>Lab</sub>	33.47, 29.01, -37.75
CIE <sub>LCh</sub>	33, 47.615, 307.543
Yxy	7.7550, 0.2461, 0.1766
Android (android.graphics.Color)	4284170379 (0xFF5B408B)
YUV	80.6230, 28.7799, 9.1006
Hunter-Lab	27.8478, 20.5437, -34.4855

# Details

The Hex color **5B408B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **708B40**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9071C1**, and **281358** is the 20% darker color. If you saturate the color by 10%, you get **52328B**, and if you desaturate by 10%, it is **644E8B**.

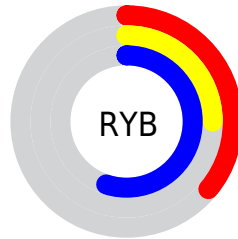
# Distribution



Red (36%)

Green (25%)

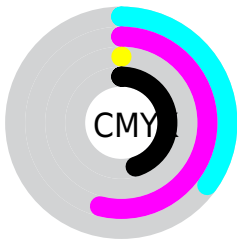
Blue (55%)



Red (36%)

Yellow (25%)

Blue (55%)

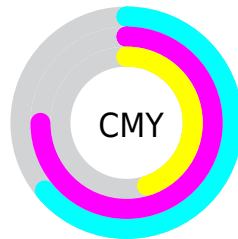


Cyan (35%)

Magenta (54%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B408B 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 5B408B by changing the saturation by 10% instead.



■ 5B408B

■ 5B408B

FFFFFF

■ 412971

■ 9071C1

■ 281358

■ AB8ADD

■ 0F0040

■ C7A5FA

■ 00022A

■ E4C0FF

■ 000114

■ FFDCFF

■ 000000

■ FFF9FF

■ 5B408B

■ 5B408B

■ 52328B

■ 644E8B

49248B

6D5C8B

40168B

766A8B

37088B

7F788B

32008B

87858B

90938B

99A18B

A2AF8B

ABBD8B

# Harmonies

## Analogous

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



00509A



5B408B



822D6C

# Triad

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



5B408B



764200



006058

# Complementary

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



5B408B



708B40

# 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.



005E30



5B408B



575000

# Square

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



5B408B



8B3023



2E5908



005F7C

# Rectangle

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



5B408B



8F2553



2E5908



005F4A



# Sweetspot

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



5B408B



A398B5



40718B



514A5C



DBDBDB



5C5C5C



# Same Dimension

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



5B408B



6A3FB5



80408B



403E45



300085



020005



# Inverse Universe

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



8B4070



B53F8B



4B8B40



453E42



850055

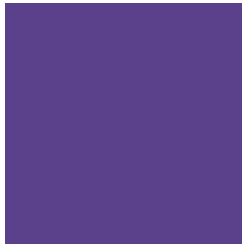


050003



# Previews

## White Background



This preview shows how the Hex color 5B408B looks on a white background.

## Color Contrast Check

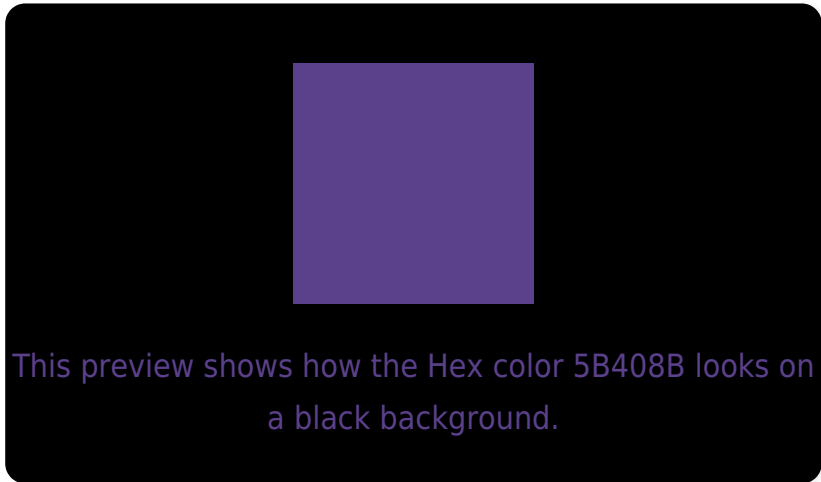
Large Text (above 18pt) WCAG AA ✓ Pass

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

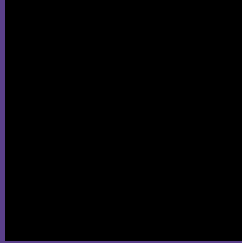
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B408B Background



This preview shows how black text looks on a background with the Hex color 5B408B.



This preview shows how white text looks on a background with the Hex color 5B408B.

# 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**  
5B408B

**Protanopia**  
244C98

**Deuteranopia**  
245088



**Tritanopia**  
504E54

# Trichromacy



**Original Color**  
5B408B

**Protanomaly**  
384893

**Deuteranomaly**  
384A89

**Tritanomaly**  
544968

# Monochromacy



**Original Color**  
5B408B

**Achromatopsia**  
515151

**Achromatomaly**  
554B66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B408B 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 #5B408B looks like.

```
.text, #text, p{  
    color:#5B408B  
}
```

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 #5B408B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B408B
}
```

## Border

The CSS property to change the border of an element to Hex 5B408B is called "border". The border property can be set on classes, ids or directly on the HTML element.

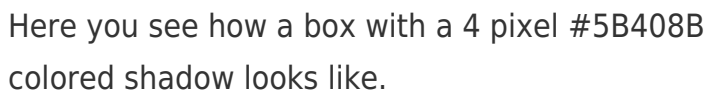
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B408B }
```

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

```
.border{ border-color:#5B408B }
```

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



Here you see how a box with a 4 pixel #5B408B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B408B; -webkit-box-shadow:4px 4px  
4px 4px #5B408B; box-shadow:4px 4px 4px  
4px #5B408B }
```

# Background

The CSS property to change the background color of an element to Hex 5B408B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B408B }
```

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

```
.background{ background-color:#5B408B }
```

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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