

Converting Colors

Hex(5B438D)

Have a look what the booklet for
Hex(5B438D) contains.

Hex(5B438D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B438D)

Conversions

Conversions Part 1

Format	Color
Hex	5B438D
RGB	91, 67, 141
RGB Percent	36%, 26%, 55%
CMY	0.6431, 0.7373, 0.4471
CMYK	0.35, 0.52, 0.00, 0.45
HSL	259°, 36%, 41%
HSV	259°, 52%, 55%
XYZ	11.1293, 8.1615, 26.1881
YIQ	82.6120, -9.4500, 28.1020

Conversions

Conversions Part 2

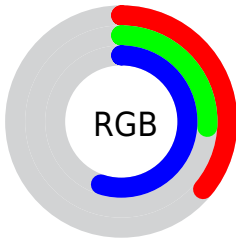
Format	Color
R_{YB}	91, 67, 141
Decimal	5981069
CIE _{Lab}	34.32, 27.73, -37.62
CIE _{LCh}	34, 46.739, 306.390
Yxy	8.1615, 0.2447, 0.1795
Android (android.graphics.Color)	4284171149 (0xFF5B438D)
YUV	82.6120, 28.7853, 7.3563
Hunter-Lab	28.5684, 19.5426, -34.3520

Details

The Hex color **5B438D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **758D43**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9074C3**, and **28175A** is the 20% darker color. If you saturate the color by 10%, you get **51358D**, and if you desaturate by 10%, it is **65518D**.

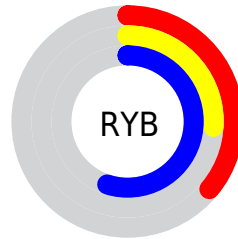
Distribution



Red (36%)

Green (26%)

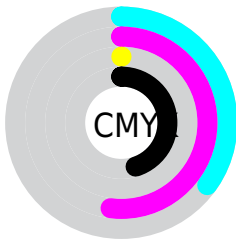
Blue (55%)



Red (36%)

Yellow (26%)

Blue (55%)

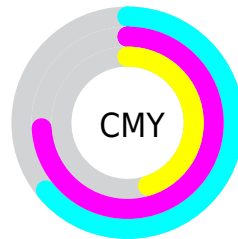


Cyan (35%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (64%)

Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B438D 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 5B438D by changing the saturation by 10% instead.

■ 5B438D

■ 5B438D

FFFFFF

■ 412C73

■ 9074C3

■ 28175A

■ AB8DDF

■ 0E0042

■ C7A8FC

■ 00012B

■ E4C3FF

■ 000116

■ FFDFFF

■ 000000

■ FFFCFF

■ 5B438D

■ 5B438D

■ 51358D

■ 65518D

■ 48278D

■ 6E5F8D

■ 3E198D

■ 786D8D

■ 350B8D

■ 817B8D

■ 2E008D

■ 8B8A8D

■ 94988D

■ 9EA68D

■ A7B48D

■ B1C28D

Harmonies

Analogous

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



00539B



5B438D



83316F

Triad

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



5B438D



794404



006258

Complementary

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



5B438D



758D43

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.



006031



5B438D



5B5200

Square

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



5B438D



8D3327



335B0B



00617C

Rectangle

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



5B438D



8F2957



335B0B



00614B

Sweetspot

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



5B438D



A49AB8



43768D



504A5C



DBDBDB



5C5C5C

Same Dimension

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



5B438D



6944B8



7F438D



434047



2C0087



020008

Inverse Universe

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



8D4375



B84492



518D43



474045



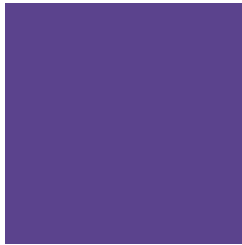
87005B



080005

Previews

White Background



This preview shows how the Hex color 5B438D 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 5B438D Background



This preview shows how black text looks on a background with the Hex color 5B438D.

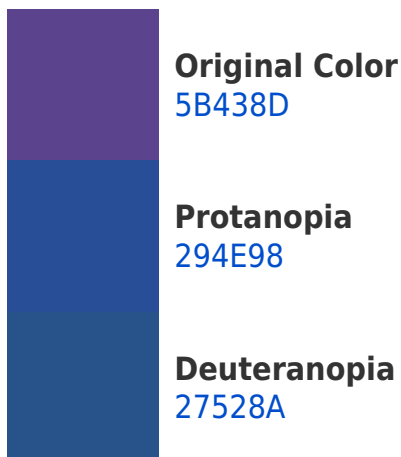


This preview shows how white text looks on a background with the Hex color 5B438D.

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
505157

Trichromacy



Original Color
5B438D

Protanomaly
3B4A94

Deuteranomaly
3A4D8B

Tritanomaly
544C6B

Monochromacy



Original Color
5B438D

Achromatopsia
535353

Achromatomaly
564D68

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B438D 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 #5B438D looks like.

```
.text, #text, p{  
    color:#5B438D  
}
```

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 #5B438D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B438D
}
```

Border

The CSS property to change the border of an element to Hex 5B438D 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
#5B438D }
```

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

```
.border{ border-color:#5B438D }
```

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

Here you see how a box with a 4 pixel #5B438D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B438D; -webkit-box-shadow:4px 4px  
4px 4px #5B438D; box-shadow:4px 4px 4px  
4px #5B438D }
```

Background

The CSS property to change the background color of an element to Hex 5B438D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B438D }
```

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

```
.background{ background-color:#5B438D }
```

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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