

Converting Colors

Hex(5B437E)

Have a look what the booklet for
Hex(5B437E) contains.

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Color

Hex(5B437E)

Conversions

Conversions Part 1

Format	Color
Hex	5B437E
RGB	91, 67, 126
RGB Percent	36%, 26%, 49%
CMY	0.6431, 0.7373, 0.5059
CMYK	0.28, 0.47, 0.00, 0.51
HSL	264°, 31%, 38%
HSV	264°, 47%, 49%
XYZ	10.0874, 7.7448, 20.7019
YIQ	80.9020, -4.6350, 23.4370

Conversions

Conversions Part 2

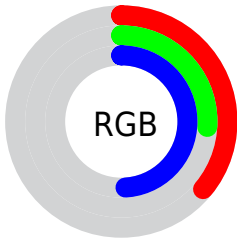
Format	Color
R_{YB}	91, 67, 126
Decimal	5981054
CIE _{Lab}	33.45, 23.60, -29.75
CIE _{LCh}	33, 37.977, 308.422
Yxy	7.7448, 0.2618, 0.2010
Android (android.graphics.Color)	4284171134 (0xFF5B437E)
YUV	80.9020, 22.2333, 8.8559
Hunter-Lab	27.8295, 15.9997, -24.6242

Details

The Hex color **5B437E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **667E43**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8F74B3**, and **2A174C** is the 20% darker color. If you saturate the color by 10%, you get **54367E**, and if you desaturate by 10%, it is **62507E**.

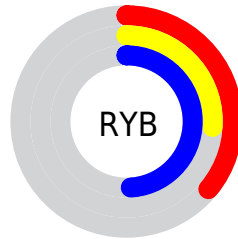
Distribution



Red (36%)

Green (26%)

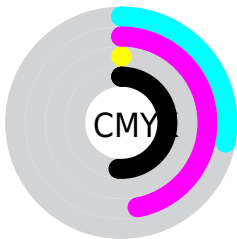
Blue (49%)



Red (36%)

Yellow (26%)

Blue (49%)

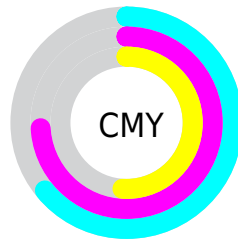


Cyan (28%)

Magenta (47%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B437E 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 5B437E by changing the saturation by 10% instead.

■ 5B437E

■ 5B437E

FFFFFF

■ 422C65

■ 8F74B3

■ 2A174C

■ AA8DCF

■ 150035

■ C5A8EB

■ 00021F

■ E2C3FF

■ 000003

■ FFDFFF

■ 000000

■ FFFCFF

■ 5B437E

■ 5B437E

■ 54367E

■ 62507E

■ 4C2A7E

■ 6A5C7E

■ 451D7E

■ 71697E

■ 3D117E

■ 79757E

■ 36047E

■ 80827E

■ 33007E

■ 888F7E

■ 8F9B7E

■ 97A87E

■ 9EB47E

Harmonies

Analogous

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



1E4F8A



5B437E



793765

Triad

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



5B437E



704514



005D57

Complementary

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



5B437E



667E43

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.



005C37



5B437E



56500C

Square

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



5B437E



81392B



36571C



005C73

Rectangle

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



5B437E



833252



36571C



005D4C

Sweetspot

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



5B437E



968CA3



43667E



494452



D1D1D1



525252

Same Dimension

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



5B437E



6D48A3



78437E



3C3940



340080



000000

Inverse Universe

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



7E4366



A3487E



497E43



40393D



80004C



000000

Previews

White Background



This preview shows how the Hex color 5B437E 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

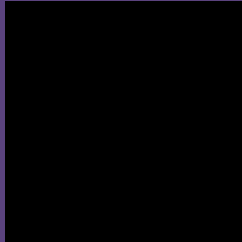
Any Text WCAG AA × Fail

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 5B437E Background



This preview shows how black text looks on a background with the Hex color 5B437E.

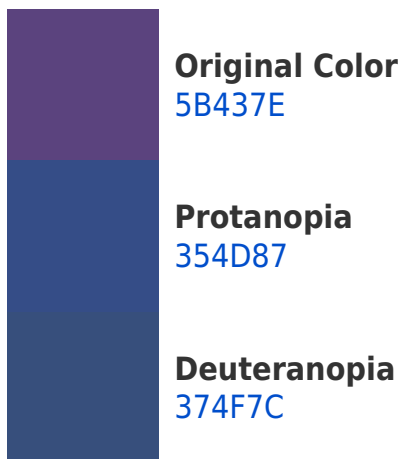


This preview shows how white text looks on a background with the Hex color 5B437E.

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
534D53

Trichromacy



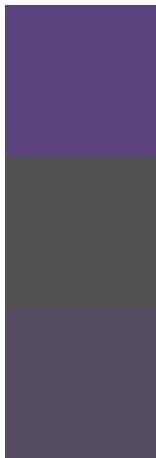
Original Color
5B437E

Protanomaly
434984

Deuteranomaly
444B7D

Tritanomaly
564963

Monochromacy



Original Color
5B437E

Achromatopsia
515151

Achromatomaly
554C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B437E 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 #5B437E looks like.

```
.text, #text, p{  
    color:#5B437E  
}
```

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 #5B437E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B437E
}
```

Border

The CSS property to change the border of an element to Hex 5B437E is called "border". The border property can be set on classes, ids or directly on the HTML element.

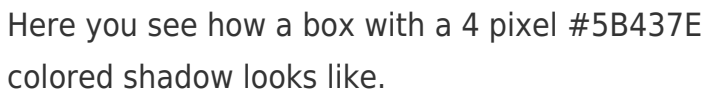
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B437E }
```

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

```
.border{ border-color:#5B437E }
```

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



Here you see how a box with a 4 pixel #5B437E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B437E; -webkit-box-shadow:4px 4px  
4px 4px #5B437E; box-shadow:4px 4px 4px  
4px #5B437E }
```

Background

The CSS property to change the background color of an element to Hex 5B437E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B437E }
```

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

```
.background{ background-color:#5B437E }
```

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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