

Converting Colors

Hex(5B3A85)

Have a look what the booklet for
Hex(5B3A85) contains.

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Color

Hex(5B3A85)

Conversions

Conversions Part 1

Format	Color
Hex	5B3A85
RGB	91, 58, 133
RGB Percent	36%, 23%, 52%
CMY	0.6431, 0.7725, 0.4784
CMYK	0.32, 0.56, 0.00, 0.48
HSL	266°, 39%, 37%
HSV	266°, 56%, 52%
XYZ	10.0611, 6.9437, 23.0003
YIQ	76.4170, -4.4070, 30.3210

Conversions

Conversions Part 2

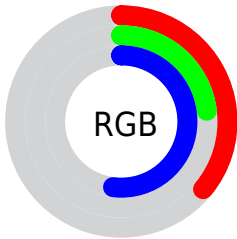
Format	Color
R_{YB}	91, 58, 133
Decimal	5978757
CIE _{Lab}	31.68, 31.01, -36.91
CIE _{LCh}	32, 48.207, 310.039
Yxy	6.9437, 0.2515, 0.1736
Android (android.graphics.Color)	4284168837 (0xFF5B3A85)
YUV	76.4170, 27.8954, 12.7893
Hunter-Lab	26.3509, 22.0392, -33.3054

Details

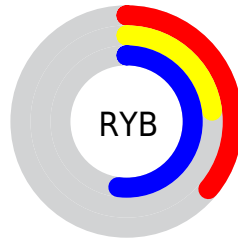
The Hex color **5B3A85** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **64853A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **906ABB**, and **280D53** is the 20% darker color. If you saturate the color by 10%, you get **542D85**, and if you desaturate by 10%, it is **624785**.

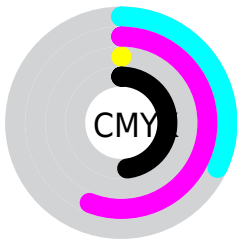
Distribution



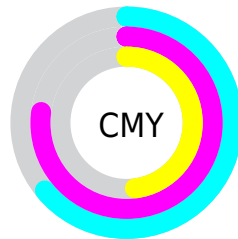
- Red (36%)
- Green (23%)
- Blue (52%)



- Red (36%)
- Yellow (23%)
- Blue (52%)



- Cyan (32%)
- Magenta (56%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (77%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3A85 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 5B3A85 by changing the saturation by 10% instead.

■ 5B3A85

■ 5B3A85

FFFFFF

■ 42236B

■ 906ABB

■ 280D53

■ AB84D7

■ 13003B

■ C79EF3

■ 000225

■ E3BAFF

■ 00010D

■ FFD5FF

■ 000000

■ FFF2FF

■ 5B3A85

■ 5B3A85

■ 542D85

■ 624785

■ 4C1F85

■ 6A5585

■ 451285

■ 716285

■ 3D0585

■ 796F85

■ 3B0085

■ 807D85

■ 888A85

■ 8F9785

■ 97A485

■ 9EB285

Harmonies

Analogous

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



004B96



5B3A85



802665

Triad

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



5B3A85



6F3F00



005B57

Complementary

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



5B3A85



64853A

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.



005A2F



5B3A85



504D00

Square

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



5B3A85



852D1B



245505



005A7B

Rectangle

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



5B3A85



8B1E4C



245505



005B49

Sweetspot

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



5B3A85



9D90AD



3A6585



4D4557



D6D6D6



575757

Same Dimension

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



5B3A85



6B37AD



803A85



3F3C42



390082



010003

Inverse Universe

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



853A64



AD377A



3F853A



423C3F



820049



030001

Previews

White Background



This preview shows how the Hex color 5B3A85 looks on a white background.

Color Contrast Check

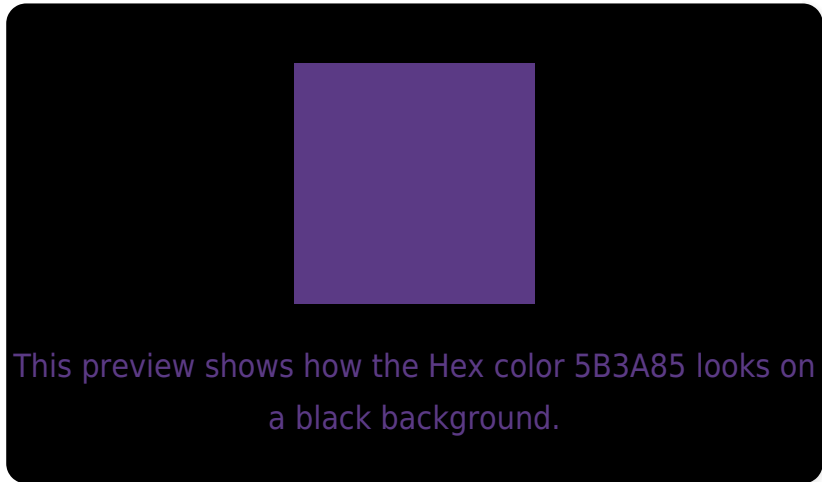
Large Text (above 18pt) WCAG AA ✓ Pass

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

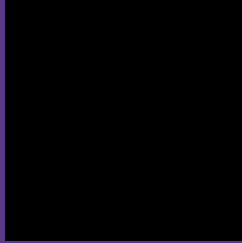
Any Text WCAG AA × Fail

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 5B3A85 Background



This preview shows how black text looks on a background with the Hex color 5B3A85.

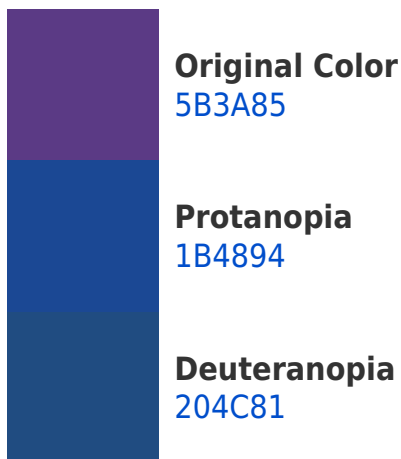


This preview shows how white text looks on a background with the Hex color 5B3A85.

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
50484E

Trichromacy



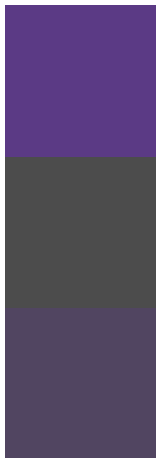
Original Color
5B3A85

Protanomaly
32438F

Deuteranomaly
354582

Tritanomaly
544362

Monochromacy



Original Color
5B3A85

Achromatopsia
4C4C4C

Achromatomaly
514561

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3A85 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 #5B3A85 looks like.

```
.text, #text, p{  
    color:#5B3A85  
}
```

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 #5B3A85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3A85
}
```

Border

The CSS property to change the border of an element to Hex 5B3A85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

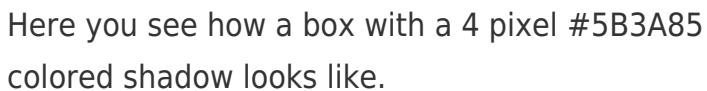
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3A85 }
```

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

```
.border{ border-color:#5B3A85 }
```

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



Here you see how a box with a 4 pixel #5B3A85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3A85; -webkit-box-shadow:4px 4px  
4px 4px #5B3A85; box-shadow:4px 4px 4px  
4px #5B3A85 }
```

Background

The CSS property to change the background color of an element to Hex 5B3A85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3A85 }
```

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

```
.background{ background-color:#5B3A85 }
```

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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