

Converting Colors

Hex(5B3693)

Have a look what the booklet for
Hex(5B3693) contains.

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Color

Hex(5B3693)

Conversions

Conversions Part 1

Format	Color
Hex	5B3693
RGB	91, 54, 147
RGB Percent	36%, 21%, 58%
CMY	0.6431, 0.7882, 0.4235
CMYK	0.38, 0.63, 0.00, 0.42
HSL	264°, 46%, 39%
HSV	264°, 63%, 58%
XYZ	10.9000, 6.9691, 28.3744
YIQ	75.6650, -7.8010, 36.7670

Conversions

Conversions Part 2

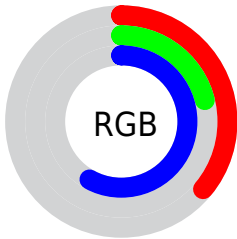
Format	Color
R_YB	91, 54, 147
Decimal	5977747
CIE _{Lab}	31.74, 37.16, -45.44
CIE _{LCh}	32, 58.703, 309.275
Yxy	6.9691, 0.2357, 0.1507
Android (android.graphics.Color)	4284167827 (0xFF5B3693)
YUV	75.6650, 35.1682, 13.4488
Hunter-Lab	26.3990, 27.5035, -45.2474

Details

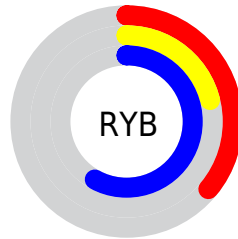
The Hex color **5B3693** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6E9336**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **9167CA**, and **25065F** is the 20% darker color. If you saturate the color by 10%, you get **522793**, and if you desaturate by 10%, it is **644593**.

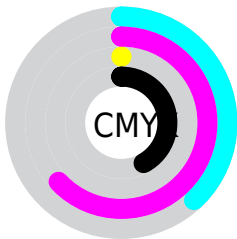
Distribution



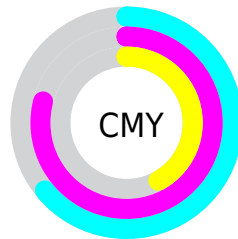
- Red (36%)
- Green (21%)
- Blue (58%)



- Red (36%)
- Yellow (21%)
- Blue (58%)



- Cyan (38%)
- Magenta (63%)
- Yellow (0%)
- Black (42%)



- Cyan (64%)
- Magenta (79%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3693 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 5B3693 by changing the saturation by 10% instead.

■ 5B3693

■ 5B3693

FFFFFF

■ 411F79

■ 9167CA

■ 25065F

■ AD80E6

■ 0B0047

■ C99BFF

■ 000330

■ E6B6FF

■ 00011A

■ FFD2FF

■ 000000

■ FFEEFF

■ 5B3693

■ 5B3693

■ 522793

■ 644593

■ 491993

■ 6D5393

■ 400A93

■ 766293

■ 3A0093

■ 7E7193

■ 878093

■ 908E93

■ 999D93

■ A2AC93

■ ABBA93

Harmonies

Analogous

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



004CA7



5B3693



8A136C

Triad

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



5B3693



753C00



005E58

Complementary

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



5B3693



6E9336

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.



005C27



5B3693



504D00

Square

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



5B3693



902011



155700



005D85

Rectangle

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



5B3693



97004E



155700



005D48

Sweetspot

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



5B3693



A99BBF



366F93



534B61



E0E0E0



616161

Same Dimension

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



5B3693



682EBF



883693



45434A



37008A



04000A

Inverse Universe

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



93366E



BF2E85



419336



4A4347



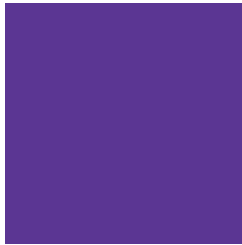
8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 5B3693 looks on a white background.

Color Contrast Check

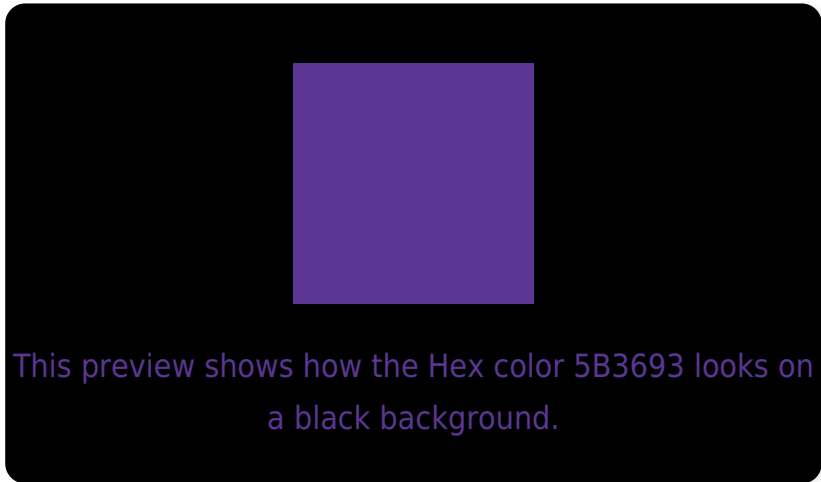
Large Text (above 18pt) WCAG AA ✓ Pass

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

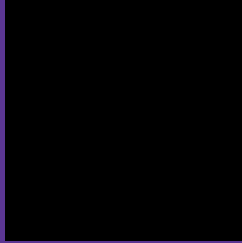
Any Text WCAG AA × Fail

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 5B3693 Background



This preview shows how black text looks on a background with the Hex color 5B3693.

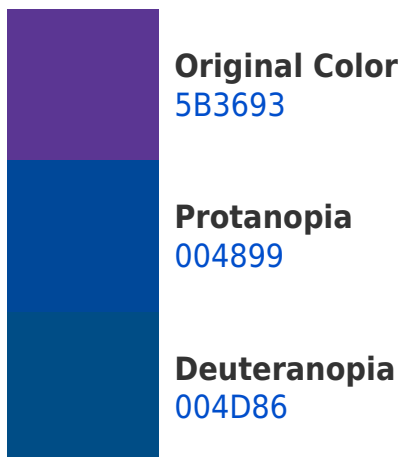


This preview shows how white text looks on a background with the Hex color 5B3693.

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](#).

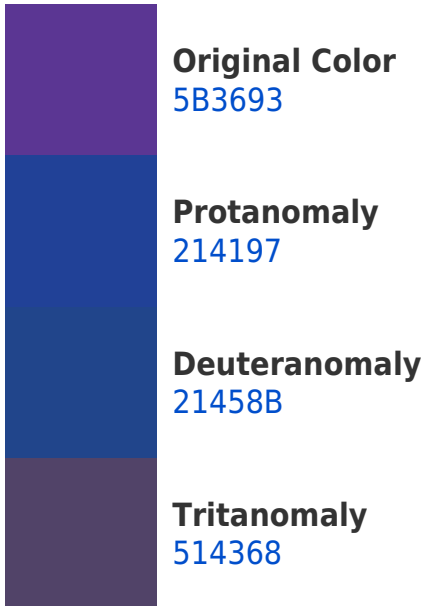
Dichromacy



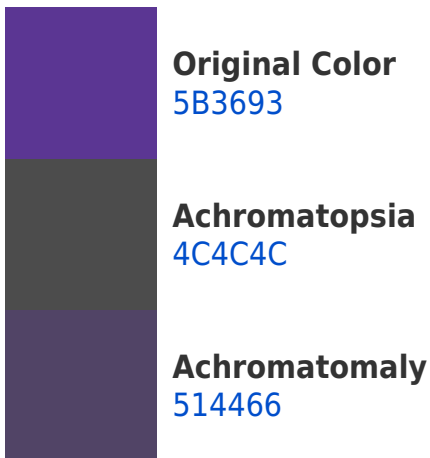


Tritanopia
4C4A50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3693 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 #5B3693 looks like.

```
.text, #text, p{  
    color:#5B3693  
}
```

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 #5B3693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3693
}
```

Border

The CSS property to change the border of an element to Hex 5B3693 is called "border". The border property can be set on classes, ids or directly on the HTML element.

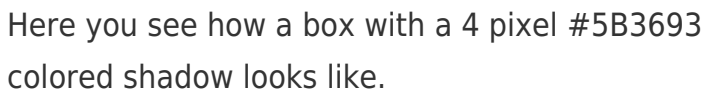
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3693 }
```

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

```
.border{ border-color:#5B3693 }
```

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



Here you see how a box with a 4 pixel #5B3693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3693; -webkit-box-shadow:4px 4px  
4px 4px #5B3693; box-shadow:4px 4px 4px  
4px #5B3693 }
```

Background

The CSS property to change the background color of an element to Hex 5B3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3693 }
```

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

```
.background{ background-color:#5B3693 }
```

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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