

Converting Colors

Hex(5C3B99)

Have a look what the booklet for
Hex(5C3B99) contains.

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Color

Hex(5C3B99)

Conversions

Conversions Part 1

Format	Color
Hex	5C3B99
RGB	92, 59, 153
RGB Percent	36%, 23%, 60%
CMY	0.6392, 0.7686, 0.4000
CMYK	0.40, 0.61, 0.00, 0.40
HSL	261°, 44%, 42%
HSV	261°, 61%, 60%
XYZ	11.7274, 7.7031, 31.0057
YIQ	79.5830, -10.5060, 36.2300

Conversions

Conversions Part 2

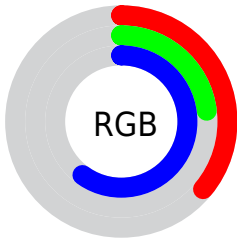
Format	Color
R_{YB}	92, 59, 153
Decimal	6044569
CIE _{Lab}	33.36, 36.17, -46.48
CIE _{LCh}	33, 58.899, 307.891
Yxy	7.7031, 0.2325, 0.1527
Android (android.graphics.Color)	4284234649 (0xFF5C3B99)
YUV	79.5830, 36.1946, 10.8897
Hunter-Lab	27.7545, 26.8527, -46.8071

Details

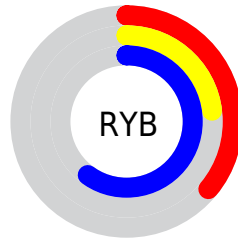
The Hex color **5C3B99** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **78993B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **926CD0**, and **260C65** is the 20% darker color. If you saturate the color by 10%, you get **522C99**, and if you desaturate by 10%, it is **664A99**.

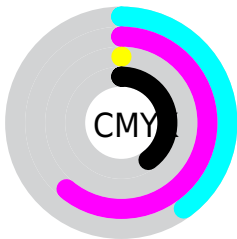
Distribution



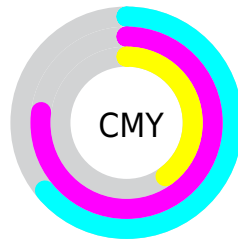
- Red (36%)
- Green (23%)
- Blue (60%)



- Red (36%)
- Yellow (23%)
- Blue (60%)



- Cyan (40%)
- Magenta (61%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (77%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C3B99 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 5C3B99 by changing the saturation by 10% instead.

 5C3B99

 5C3B99

FFFFFF

 41247F

 926CD0

 260C65

 AE86ED

 06004C

 CAA0FF

 000035

 E7BBFF

 00021F

 FFD7FF

 000001

 FFF4FF

 000000

 5C3B99

 5C3B99

 522C99

 664A99

481C99

705A99

3E0D99

7A6999

360099

847899

8E8899

989799

A2A699

ABB599

B5C599

Harmonies

Analogous

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



0051AC



5C3B99



8E1B73

Triad

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



5C3B99



7C3F00



00625A

Complementary

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



5C3B99



78993B

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.



006029



5C3B99



565100

Square

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



5C3B99



962317



1F5B00



006187

Rectangle

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



5C3B99



9C0254



1F5B00



00624A

Sweetspot

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



5C3B99



B0A3C7



3B7899



554E63



E3E3E3



636363

Same Dimension

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



5C3B99



6734C7



8B3B99



48454D



31008C



04000D

Inverse Universe

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



993B78



C73493



49993B



4D454A



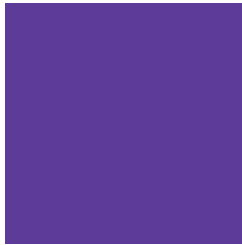
8C005B



0D0008

Previews

White Background



This preview shows how the Hex color 5C3B99 looks on a white background.

Color Contrast Check

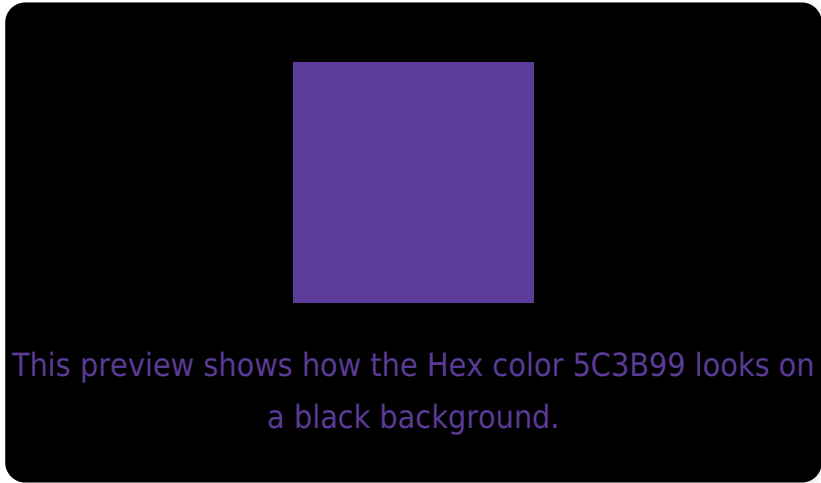
Large Text (above 18pt) WCAG AA ✓ Pass

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

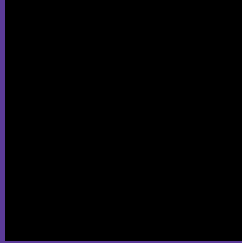
Any Text WCAG AA × Fail

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 5C3B99 Background



This preview shows how black text looks on a background with the Hex color 5C3B99.

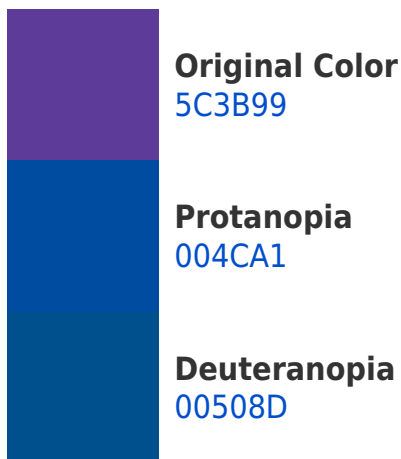


This preview shows how white text looks on a background with the Hex color 5C3B99.

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](#).

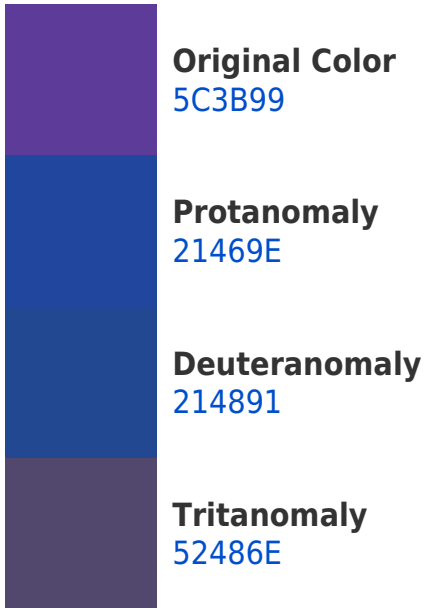
Dichromacy



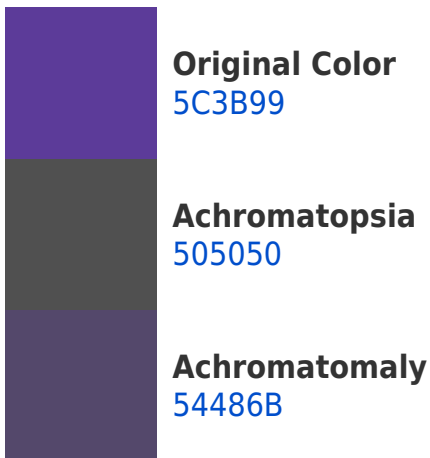


Tritanopia
4D4F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C3B99 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 #5C3B99 looks like.

```
.text, #text, p{  
    color:#5C3B99  
}
```

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 #5C3B99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3B99
}
```

Border

The CSS property to change the border of an element to Hex 5C3B99 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".

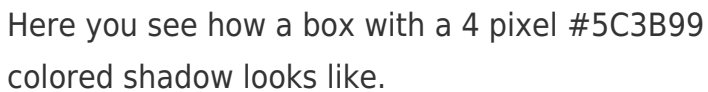
```
.border, #border, table{ border:4px solid
#5C3B99 }
```

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

```
.border{ border-color:#5C3B99 }
```

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

Here you see how a box with a 4 pixel #5C3B99 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3B99; -webkit-box-shadow:4px 4px  
4px 4px #5C3B99; box-shadow:4px 4px 4px  
4px #5C3B99 }
```

Background

The CSS property to change the background color of an element to Hex 5C3B99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3B99 }
```

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

```
.background{ background-color:#5C3B99 }
```

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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