

Converting Colors

Hex(5419B3)

Have a look what the booklet for
Hex(5419B3) contains.

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Color

Hex(5419B3)

Conversions

Conversions Part 1

Format	Color
Hex	5419B3
RGB	84, 25, 179
RGB Percent	33%, 10%, 70%
CMY	0.6706, 0.9020, 0.2980
CMYK	0.53, 0.86, 0.00, 0.30
HSL	263°, 75%, 40%
HSV	263°, 86%, 70%
XYZ	12.1405, 5.8348, 43.1342
YIQ	60.1970, -14.2700, 60.4020

Conversions

Conversions Part 2

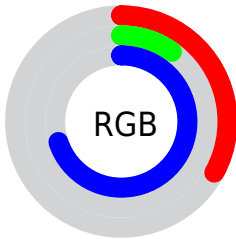
Format	Color
R_{YB}	84, 25, 179
Decimal	5511603
CIE _{Lab}	28.99, 57.88, -69.32
CIE _{LCh}	29, 90.302, 309.862
Yxy	5.8348, 0.1987, 0.0955
Android (android.graphics.Color)	4283701683 (0xFF5419B3)
YUV	60.1970, 58.5699, 20.8752
Hunter-Lab	24.1552, 47.4428, -88.9659

Details

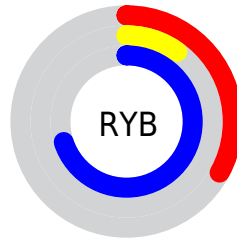
The Hex color **5419B3** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **78B319**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8F4FEC**, and **01007D** is the 20% darker color. If you saturate the color by 10%, you get **4907B3**, and if you desaturate by 10%, it is **5F2BB3**.

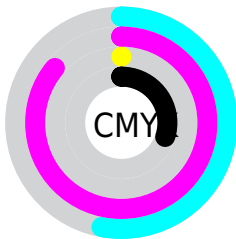
Distribution



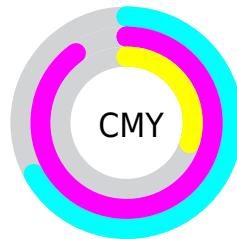
- Red (33%)
- Green (10%)
- Blue (70%)



- Red (33%)
- Yellow (10%)
- Blue (70%)



- Cyan (53%)
- Magenta (86%)
- Yellow (0%)
- Black (30%)



- Cyan (67%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5419B3 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 5419B3 by changing the saturation by 10% instead.

■ 5419B3

■ 5419B3

FFFFFF

■ 340098

■ 8F4FEC

■ 01007D

■ AD6AFF

■ 000063

■ CB84FF

■ 00014A

■ E9A0FF

■ 000432

■ FFBBFF

■ 00021C

■ FFD8FF

■ 000000

■ FFF5FF

■ 5419B3

■ 5419B3

■ 4907B3

■ 5F2BB3

■ 4500B3

■ 6A3DB3

■ 754FB3

■ 8061B3

■ 8B72B3

■ 9684B3

■ A196B3

■ ACA8B3

■ B7BAB3

Harmonies

Analogous

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



004AD4



5419B3



A10076

Triad

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



5419B3



792C00



005B5B

Complementary

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



5419B3



78B319

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.



00590A



5419B3



3F4A00

Square

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



5419B3



A20000



005500



005D9F

Rectangle

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



5419B3



B20048



005500



005B42

Sweetspot

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



5419B3



C3ACE8



197BB3



5F5175



F5F5F5



757575

Same Dimension

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



5419B3



5900E8



9E19B3



545059



3B0099



0A001A

Inverse Universe

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



B31978



E8008F



2EB319



595056



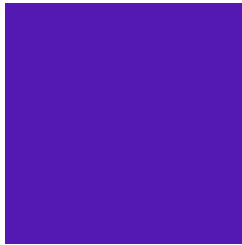
99005E



1A0010

Previews

White Background



This preview shows how the Hex color 5419B3 looks on a white background.

Color Contrast Check

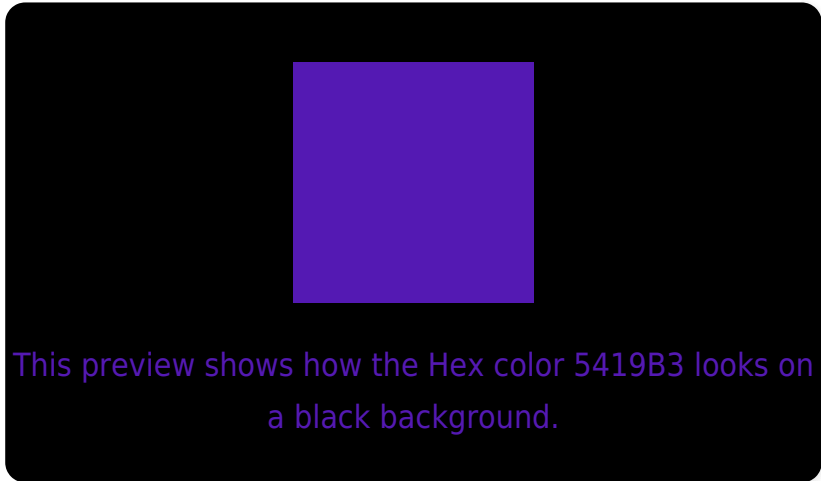
Large Text (above 18pt) WCAG AA ✓ Pass

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

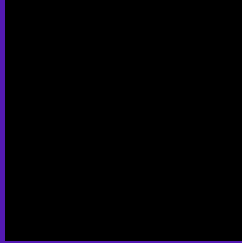
Any Text WCAG AA × Fail

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 5419B3 Background



This preview shows how black text looks on a background with the Hex color 5419B3.

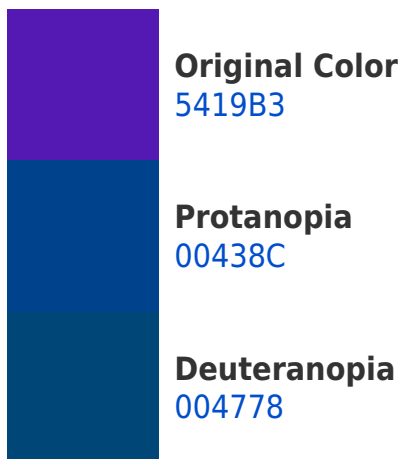


This preview shows how white text looks on a background with the Hex color 5419B3.

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
34484E

Trichromacy



Original Color
5419B3



Protanomaly
1F349A



Deuteranomaly
1F368D



Tritanomaly
403773

Monochromacy



Original Color
5419B3



Achromatopsia
3C3C3C



Achromatomaly
452F67

CSS Examples

Text

The CSS property to change the color of the text to Hex 5419B3 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 #5419B3 looks like.

```
.text, #text, p{  
    color:#5419B3  
}
```

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 #5419B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5419B3
}
```

Border

The CSS property to change the border of an element to Hex 5419B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

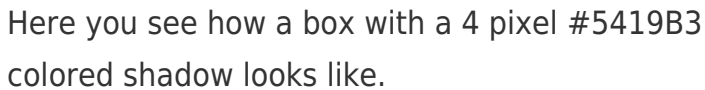
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5419B3 }
```

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

```
.border{ border-color:#5419B3 }
```

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



Here you see how a box with a 4 pixel #5419B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5419B3; -webkit-box-shadow:4px 4px  
4px 4px #5419B3; box-shadow:4px 4px 4px  
4px #5419B3 }
```

Background

The CSS property to change the background color of an element to Hex 5419B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5419B3 }
```

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

```
.background{ background-color:#5419B3 }
```

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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