

Converting Colors

Hex(5439A9)

Have a look what the booklet for
Hex(5439A9) contains.

Hex(5439A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5439A9)

Conversions

Conversions Part 1

Format	Color
Hex	5439A9
RGB	84, 57, 169
RGB Percent	33%, 22%, 66%
CMY	0.6706, 0.7765, 0.3373
CMYK	0.50, 0.66, 0.00, 0.34
HSL	254°, 50%, 44%
HSV	254°, 66%, 66%
XYZ	12.2807, 7.6756, 38.3704
YIQ	77.8410, -19.8600, 40.5560

Conversions

Conversions Part 2

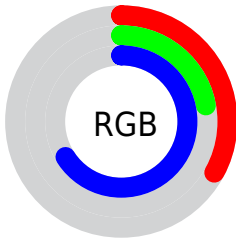
Format	Color
R_{YB}	84, 57, 169
Decimal	5519785
CIE _{Lab}	33.30, 40.28, -56.27
CIE _{LCh}	33, 69.203, 305.597
Yxy	7.6756, 0.2106, 0.1316
Android (android.graphics.Color)	4283709865 (0xFF5439A9)
YUV	77.8410, 44.9414, 5.4014
Hunter-Lab	27.7050, 30.6396, -62.7211

Details

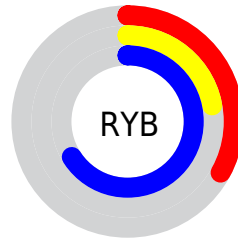
The Hex color **5439A9** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8EA939**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8C6AE1**, and **130A74** is the 20% darker color. If you saturate the color by 10%, you get **4728A9**, and if you desaturate by 10%, it is **614AA9**.

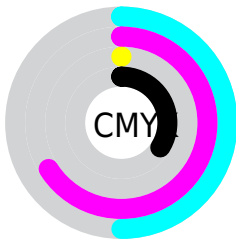
Distribution



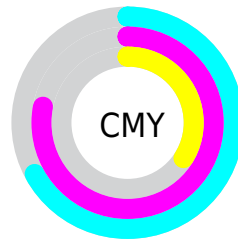
- Red (33%)
- Green (22%)
- Blue (66%)



- Red (33%)
- Yellow (22%)
- Blue (66%)



- Cyan (50%)
- Magenta (66%)
- Yellow (0%)
- Black (34%)



- Cyan (67%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5439A9 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 5439A9 by changing the saturation by 10% instead.

 5439A9

 5439A9

FFFFFF

 37228E

 8C6AE1

 130A74

 A984FE

 00005A

 C69EFF

 000042

 E3B9FF

 00032B

 FFD5FF

 000115

 FFF2FF

 000000

 5439A9

 5439A9

 4728A9

 614AA9

■ 3A17A9

■ 6E5BA9

■ 2E06A9

■ 7A6CA9

■ 2900A9

■ 877DA9

■ 948DA9

■ A19EA9

■ AEAF A9

■ BBC0A9

■ C7D1A9

Harmonies

Analogous

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



0053BE



5439A9



94007D

Triad

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



5439A9



833900



006458

Complementary

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



5439A9



8EA939

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.



00611C



5439A9



585000

Square

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



5439A9



A10511



155C00



00648E

Rectangle

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



5439A9



A60059



155C00



006344

Sweetspot

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



5439A9



BAAFDB



398FA9



5A536E



EDEDED



6E6E6E

Same Dimension

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



5439A9



562CDB



8B39A9



4E4C54



240094



050014

Inverse Universe

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



A9398E



DB2CB1



57A939



544C52



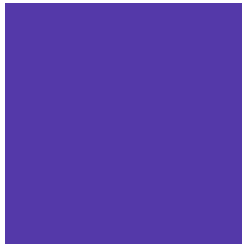
940070



14000F

Previews

White Background



This preview shows how the Hex color 5439A9 looks on a white background.

Color Contrast Check

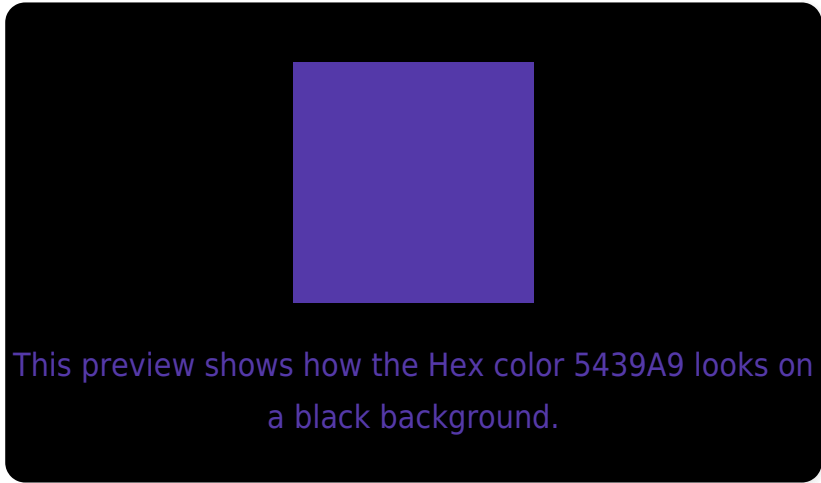
Large Text (above 18pt) WCAG AA ✓ Pass

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

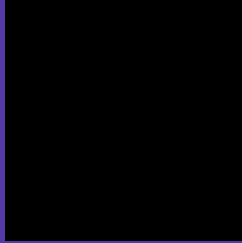
Any Text WCAG AA × Fail

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 5439A9 Background



This preview shows how black text looks on a background with the Hex color 5439A9.

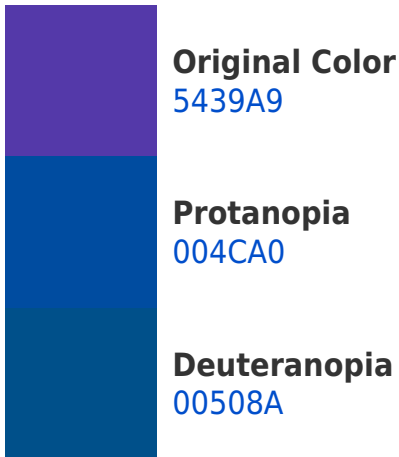


This preview shows how white text looks on a background with the Hex color 5439A9.

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



Trichromacy



Original Color
5439A9

Protanomaly
1F45A3

Deuteranomaly
1F4895

Tritanomaly
454976

Monochromacy



Original Color
5439A9

Achromatopsia
4E4E4E

Achromatomaly
50466F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5439A9 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 #5439A9 looks like.

```
.text, #text, p{  
    color:#5439A9  
}
```

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 #5439A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5439A9
}
```

Border

The CSS property to change the border of an element to Hex 5439A9 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
#5439A9 }
```

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

```
.border{ border-color:#5439A9 }
```

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

Here you see how a box with a 4 pixel #5439A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5439A9; -webkit-box-shadow:4px 4px  
4px 4px #5439A9; box-shadow:4px 4px 4px  
4px #5439A9 }
```

Background

The CSS property to change the background color of an element to Hex 5439A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5439A9 }
```

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

```
.background{ background-color:#5439A9 }
```

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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