

Converting Colors

Hex(4539B5)

Have a look what the booklet for
Hex(4539B5) contains.

Hex(4539B5)	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(4539B5)

Conversions

Conversions Part 1

Format	Color
Hex	4539B5
RGB	69, 57, 181
RGB Percent	27%, 22%, 71%
CMY	0.7294, 0.7765, 0.2902
CMYK	0.62, 0.69, 0.00, 0.29
HSL	246°, 52%, 47%
HSV	246°, 69%, 71%
XYZ	12.2579, 7.5277, 44.5230
YIQ	74.7240, -32.6520, 41.1080

Conversions

Conversions Part 2

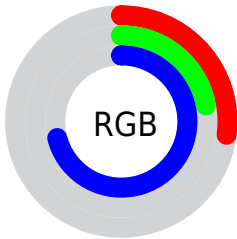
Format	Color
RYB	69, 57, 181
Decimal	4536757
CIELab	32.98, 41.50, -64.00
CIELCh	33, 76.277, 302.961
Yxy	7.5277, 0.1906, 0.1171
Android (android.graphics.Color)	4282726837 (0xFF4539B5)
YUV	74.7240, 52.3941, -5.0199
Hunter-Lab	27.4366, 31.7346, -77.0078

Details

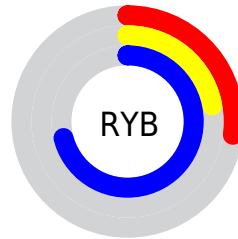
The Hex color **4539B5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A9B539**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8169EE**, and **000C7F** is the 20% darker color. If you saturate the color by 10%, you get **3527B5**, and if you desaturate by 10%, it is **554BB5**.

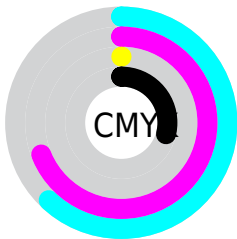
Distribution



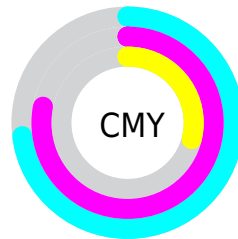
- Red (27%)
- Green (22%)
- Blue (71%)



- Red (27%)
- Yellow (22%)
- Blue (71%)



- Cyan (62%)
- Magenta (69%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4539B5 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 4539B5 by changing the saturation by 10% instead.

■ 4539B5

■ 4539B5

FFFFFF

■ 21229A

■ 8169EE

■ 000C7F

■ 9E83FF

■ 000065

■ BC9DFF

■ 00014C

■ D9B9FF

■ 000434

■ F7D4FF

■ 00021E

■ FFF1FF

■ 000000

■ 4539B5

■ 4539B5

■ 3527B5

■ 554BB5

■ 2415B5

■ 665DB5

■ 1403B5

■ 766FB5

■ 1200B5

■ 8681B5

■ 9794B5

■ A7A6B5

■ B7B8B5

■ C8CAB5

■ D8DCB5

Harmonies

Analogous

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



0055C9



4539B5



960086

Triad

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



4539B5



893200



006452

Complementary

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



4539B5



A9B539

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.



00610C



4539B5



5A4E00

Square

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



4539B5



A8000F



0E5B00



00658F

Rectangle

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



4539B5



AB005F



0E5B00



00633D

Sweetspot

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



4539B5



BEB9EB



39ABB5



5B5875



F5F5F5



757575

Same Dimension

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



4539B5



3D2AEB



8139B5



515059



0F0099



02001A

Inverse Universe

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



B539A9



EB2AD8



6DB539



595058



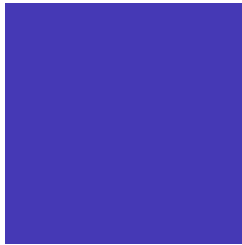
99008A



1A0017

Previews

White Background



This preview shows how the Hex color 4539B5 looks on a white background.

Color Contrast Check

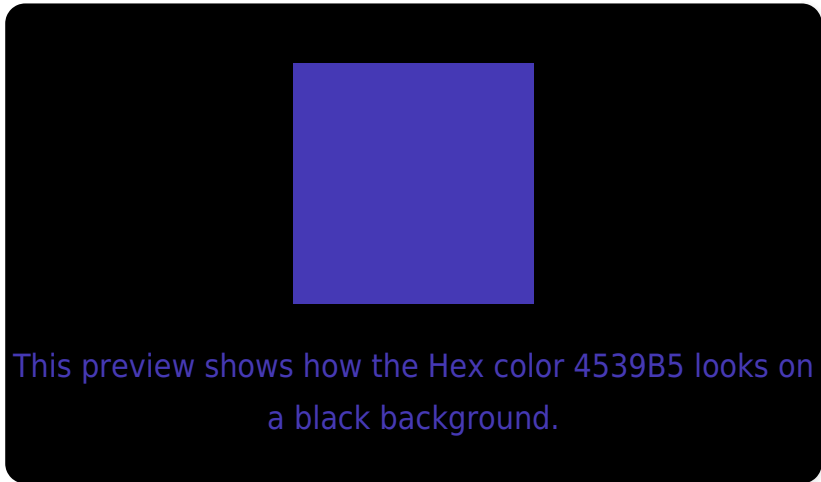
Large Text (above 18pt) WCAG AA ✓ Pass

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

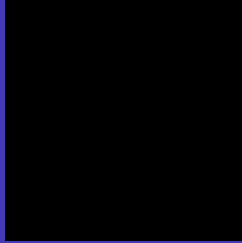
Any Text WCAG AA × Fail

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 4539B5 Background



This preview shows how black text looks on a background with the Hex color 4539B5.

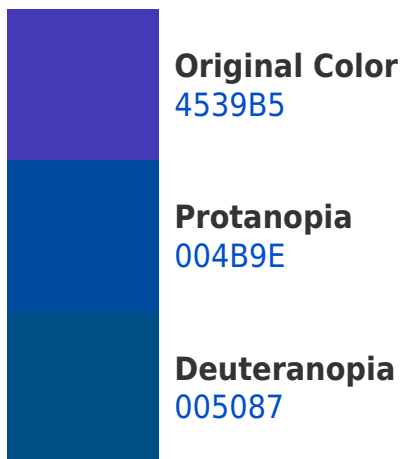



This preview shows how white text looks on a background with the Hex color 4539B5.

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
13555C

Trichromacy



Original Color
4539B5

Protanomaly
1944A6

Deuteranomaly
194898

Tritanomaly
254B7C

Monochromacy



Original Color
4539B5

Achromatopsia
4B4B4B

Achromatomaly
494472

CSS Examples

Text

The CSS property to change the color of the text to Hex 4539B5 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 #4539B5 looks like.

```
.text, #text, p{  
    color:#4539B5  
}
```

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 #4539B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4539B5
}
```

Border

The CSS property to change the border of an element to Hex 4539B5 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
#4539B5 }
```

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

```
.border{ border-color:#4539B5 }
```

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

Here you see how a box with a 4 pixel #4539B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4539B5; -webkit-box-shadow:4px 4px  
4px 4px #4539B5; box-shadow:4px 4px 4px  
4px #4539B5 }
```

Background

The CSS property to change the background color of an element to Hex 4539B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4539B5 }
```

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

```
.background{ background-color:#4539B5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor