

# Converting Colors

Hex(5439BE)

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

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

# Color

Hex(5439BE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5439BE
RGB	84, 57, 190
RGB Percent	33%, 22%, 75%
CMY	0.6706, 0.7765, 0.2549
CMYK	0.56, 0.70, 0.00, 0.25
HSL	252°, 54%, 48%
HSV	252°, 70%, 75%
XYZ	14.4135, 8.5288, 49.6017
YIQ	80.2350, -26.6010, 47.0870

# Conversions

## Conversions Part 2

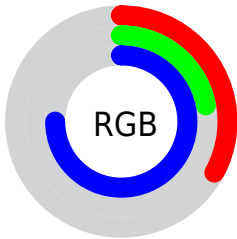
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 57, 190
Decimal	5519806
CIE <sub>Lab</sub>	35.06, 46.54, -65.85
CIE <sub>LCh</sub>	35, 80.641, 305.252
Yxy	8.5288, 0.1987, 0.1176
Android (android.graphics.Color)	4283709886 (0xFF5439BE)
YUV	80.2350, 54.1141, 3.3019
Hunter-Lab	29.2041, 36.9908, -80.2584

# Details

The Hex color **5439BE** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **A3BE39**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **8F6AF7**, and **000887** is the 20% darker color. If you saturate the color by 10%, you get **4526BE**, and if you desaturate by 10%, it is **634CBE**.

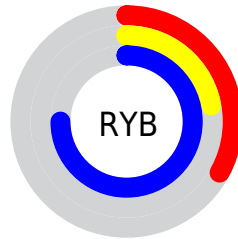
# Distribution



Red (33%)

Green (22%)

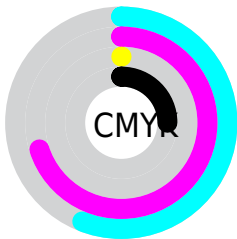
Blue (75%)



Red (33%)

Yellow (22%)

Blue (75%)

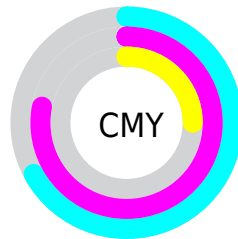


Cyan (56%)

Magenta (70%)

Yellow (0%)

Black (25%)



Cyan (67%)

Magenta (78%)

Yellow (25%)

# Brightness & Saturation Gradients

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



■ 5439BE

■ 5439BE

FFFFFF

■ 3421A2

■ 8F6AF7

■ 000887

■ AC84FF

■ 00006D

■ CA9FFF

■ 000054

■ E8BAFF

■ 00063C

■ FFD6FF

■ 000225

■ FFF3FF

■ 00010D

■ 000000

■ 5439BE

■ 5439BE

■ 4526BE

■ 634CBE

■ 3613BE

■ 725FBE

■ 2700BE

■ 8172BE

■ 9185BE

■ A098BE

■ AFABBE

■ BEBEBE

■ CDD1BE

■ DCE4BE

# Harmonies

## Analogous

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



0059D6



5439BE



A3008A

# Triad

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



5439BE



8E3800



006A5D

# Complementary

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



5439BE



A3BE39

# 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.



006814



5439BE



5C5400

# Square

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



5439BE



B10009



006200



006B9D

# Rectangle

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



5439BE



B80060



006200



006A46



# Sweetspot

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



5439BE



CEC3F7



39A3BE



645E7D



FCFCFC



7D7D7D



# Same Dimension

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



5439BE



5228F7



9639BE



57555E



20009E



06001F



# Inverse Universe

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



BE39A3



F728CD



61BE39



5E555C



9E007E

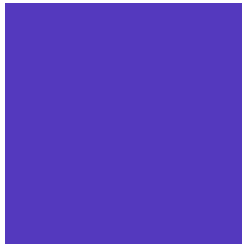


1F0018



# Previews

## White Background



This preview shows how the Hex color 5439BE 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

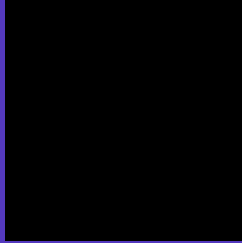
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5439BE Background



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

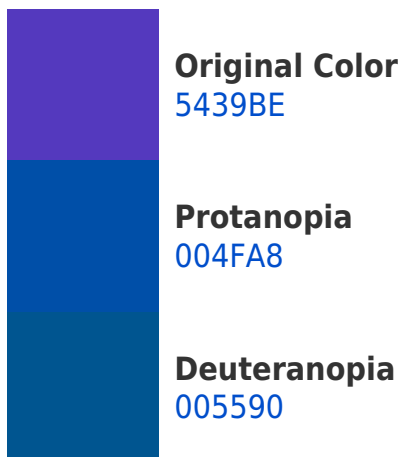


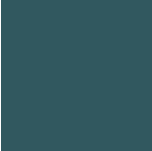
This preview shows how white text looks on a background with the Hex color 5439BE.

# 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**  
31585F

# Trichromacy



**Original Color**  
5439BE



**Protanomaly**  
1F47B0



**Deuteranomaly**  
1F4BA1



**Tritanomaly**  
3E4D82

# Monochromacy



**Original Color**  
5439BE



**Achromatopsia**  
505050



**Achromatomaly**  
514878

# CSS Examples

## Text

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

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

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 #5439BE colored shadow looks like.

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

## Border

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

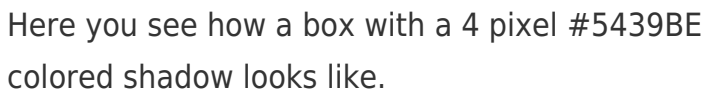
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5439BE }
```

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

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

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



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

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

# Background

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

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

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

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

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