

Converting Colors

Hex(5439CB)

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

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Color

Hex(5439CB)

Conversions

Conversions Part 1

Format	Color
Hex	5439CB
RGB	84, 57, 203
RGB Percent	33%, 22%, 80%
CMY	0.6706, 0.7765, 0.2039
CMYK	0.59, 0.72, 0.00, 0.20
HSL	251°, 58%, 51%
HSV	251°, 72%, 80%
XYZ	15.8988, 9.1229, 57.4228
YIQ	81.7170, -30.7740, 51.1300

Conversions

Conversions Part 2

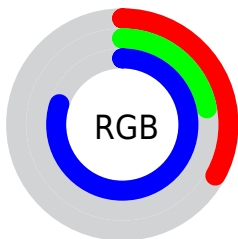
Format	Color
R_{YB}	84, 57, 203
Decimal	5519819
CIE _{Lab}	36.22, 50.41, -71.55
CIE _{LCh}	36, 87.526, 305.165
Yxy	9.1229, 0.1928, 0.1107
Android (android.graphics.Color)	4283709899 (0xFF5439CB)
YUV	81.7170, 59.7925, 2.0022
Hunter-Lab	30.2041, 41.1014, -91.5770

Details

The Hex color **5439CB** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B0CB39**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **916BFF**, and **000693** is the 20% darker color. If you saturate the color by 10%, you get **4325CB**, and if you desaturate by 10%, it is **654DCB**.

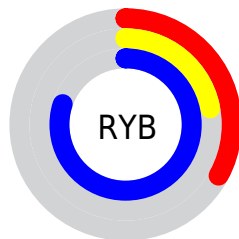
Distribution



Red (33%)

Green (22%)

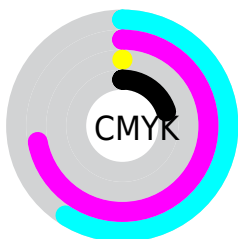
Blue (80%)



Red (33%)

Yellow (22%)

Blue (80%)

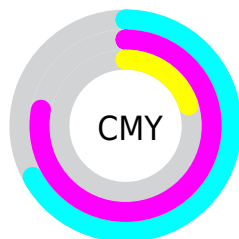


Cyan (59%)

Magenta (72%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (78%)

Yellow (20%)

Brightness & Saturation Gradients

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

■ 5439CB

■ 5439CB

FFFFFF

■ 3121AF

■ 916BFF

■ 000693

■ AF85FF

■ 000079

■ CDA0FF

■ 00005F

■ EBBBFF

■ 000846

■ FFD7FF

■ 00042F

■ FFF4FF

■ 000119

■ 000000

■ 5439CB

■ 5439CB

■ 4325CB

■ 654DCB

■ 3310CB

■ 7562CB

■ 2600CB

■ 8676CB

■ 968ACB

■ A79FCB

■ B7B3CB

■ C8C7CB

■ D8DBCBCB

■ E9F0CB

Harmonies

Analogous

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



005DE5



5439CB



AD0092

Triad

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



5439CB



953700



006E60

Complementary

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



5439CB



B0CB39

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.



006C0E



5439CB



5E5700

Square

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



5439CB



BB0004



006600



006FA6

Rectangle

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



5439CB



C30064



006600



006E47

Sweetspot

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



5439CB



D1C7FF



39B0CB



645E80



000000



808080

Same Dimension

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



5439CB



4C24FF



9D39CB



5E5C66



1F00A6



070026

Inverse Universe

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



CB39B0



FF24D6



67CB39



665C64



A60087



26001F

Previews

White Background



This preview shows how the Hex color 5439CB 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

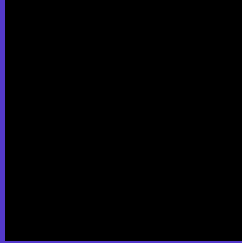
Any Text WCAG AA × Fail

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 5439CB Background



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

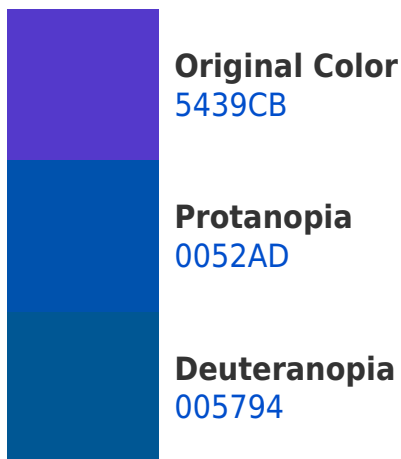



This preview shows how white text looks on a background with the Hex color 5439CB.

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
285C64

Trichromacy



Original Color
5439CB



Protanomaly
1F49B8



Deuteranomaly
1F4CA8



Tritanomaly
384F89

Monochromacy



Original Color
5439CB



Achromatopsia
525252



Achromatomaly
53497E

CSS Examples

Text

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

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

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 #5439CB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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