

# Converting Colors

Hex(4149C9)

Have a look what the booklet for  
Hex(4149C9) contains.

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# Color

Hex(4149C9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4149C9
RGB	65, 73, 201
RGB Percent	25%, 29%, 79%
CMY	0.7451, 0.7137, 0.2118
CMYK	0.68, 0.64, 0.00, 0.21
HSL	236°, 56%, 52%
HSV	236°, 68%, 79%
XYZ	15.1051, 10.1060, 56.4129
YIQ	85.2000, -45.8560, 38.1120

# Conversions

## Conversions Part 2

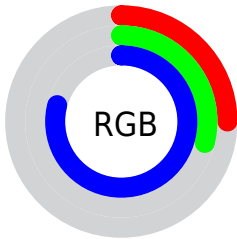
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	65, 73, 201
Decimal	4278729
CIE <sub>Lab</sub>	38.03, 37.94, -67.47
CIE <sub>LCh</sub>	38, 77.408, 299.345
Yxy	10.1060, 0.1851, 0.1238
Android (android.graphics.Color)	4282468809 (0xFF4149C9)
YUV	85.2000, 57.0894, -17.7154
Hunter-Lab	31.7899, 29.1830, -82.9605

# Details

The Hex color **4149C9** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **C9C141**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **817AFF**, and **001D92** is the 20% darker color. If you saturate the color by 10%, you get **2D36C9**, and if you desaturate by 10%, it is **555CC9**.

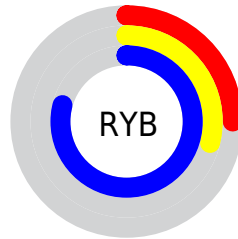
# Distribution



 Red (25%)

 Green (29%)

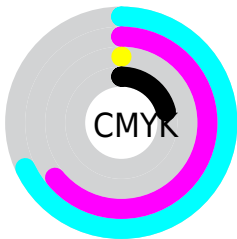
 Blue (79%)




 Red (25%)

 Yellow (29%)

 Blue (79%)

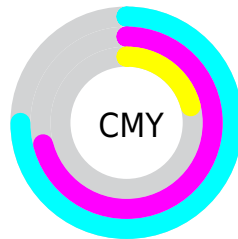


 Cyan (68%)

 Magenta (64%)

 Yellow (0%)

 Black (21%)



 Cyan (75%)

 Magenta (71%)

 Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4149C9 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 4149C9 by changing the saturation by 10% instead.



■ 4149C9

■ 4149C9

FFFFFF

■ 1432AD

■ 817AFF

■ 001D92

■ 9F94FF

■ 000A77

■ BCAEFF

■ 00005E

■ DBCAFF

■ 000845

■ F9E6FF

■ 00032E

■ 000118

■ 000000

■ 4149C9

■ 4149C9

■ 2D36C9

■ 555CC9

■ 1923C9

■ 696FC9

■ 0510C9

■ 7D82C9

■ 000CC9

■ 9195C9

■ A6A8C9

■ BABBC9

■ CECDC9

■ E2E0C9

■ F6F3C9

# Harmonies

## Analogous

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



0063DA



4149C9



9F0F9B

# Triad

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



4149C9



9E3900



007156

# Complementary

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



4149C9



C9C141

# 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.



006E0C



4149C9



6F5700

# Square

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



4149C9



BC0021



2E6700



007296

# Rectangle

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



4149C9



B90073



2E6700



007140



# Sweetspot

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



4149C9



CCCFFF



41C9C0



616380



000000



808080



# Same Dimension

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



4149C9



303DFF



7C41C9



5A5A63



000AA3



000224



# Inverse Universe

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



C94149



FF303D



8EC941



635A5A



A3000A

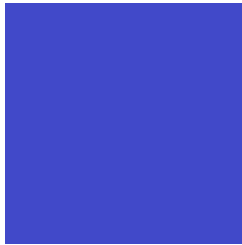


240002



# Previews

## White Background



This preview shows how the Hex color 4149C9 looks on a white background.

## Color Contrast Check

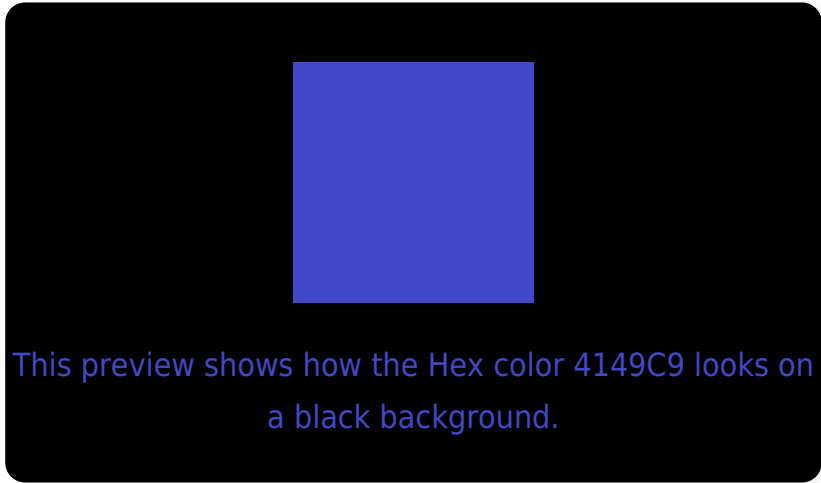
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

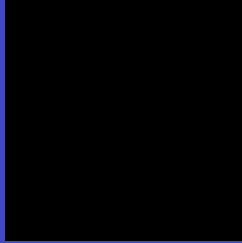
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4149C9 Background



This preview shows how black text looks on a background with the Hex color 4149C9.



This preview shows how white text looks on a background with the Hex color 4149C9.

# 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](#).

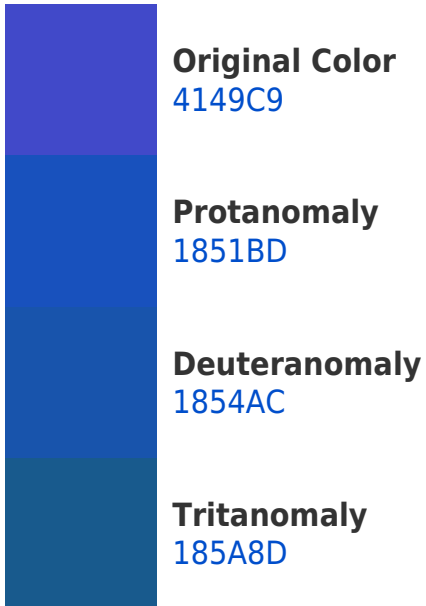
## Dichromacy



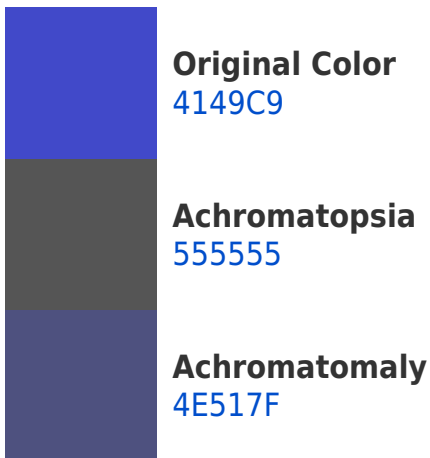


**Tritanopia**  
00636A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4149C9 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 #4149C9 looks like.

```
.text, #text, p{  
    color:#4149C9  
}
```

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 #4149C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4149C9
}
```

## Border

The CSS property to change the border of an element to Hex 4149C9 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
#4149C9 }
```

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

```
.border{ border-color:#4149C9 }
```

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

Here you see how a box with a 4 pixel #4149C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4149C9; -webkit-box-shadow:4px 4px  
4px 4px #4149C9; box-shadow:4px 4px 4px  
4px #4149C9 }
```

# Background

The CSS property to change the background color of an element to Hex 4149C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4149C9 }
```

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

```
.background{ background-color:#4149C9 }
```

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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