

# Converting Colors

Hex(5844CA)

Have a look what the booklet for  
Hex(5844CA) contains.

<b>Hex(5844CA)</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(5844CA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5844CA
RGB	88, 68, 202
RGB Percent	35%, 27%, 79%
CMY	0.6549, 0.7333, 0.2078
CMYK	0.56, 0.66, 0.00, 0.21
HSL	249°, 56%, 53%
HSV	249°, 66%, 79%
XYZ	16.7523, 10.4732, 57.0157
YIQ	89.2560, -31.0940, 45.9140

# Conversions

## Conversions Part 2

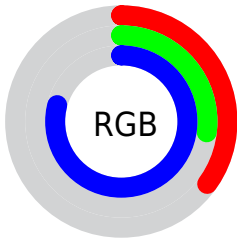
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 68, 202
Decimal	5784778
CIE <sub>Lab</sub>	38.68, 44.65, -66.93
CIE <sub>LCh</sub>	39, 80.459, 303.710
Yxy	10.4732, 0.1989, 0.1243
Android (android.graphics.Color)	4283974858 (0xFF5844CA)
YUV	89.2560, 55.5828, -1.1015
Hunter-Lab	32.3624, 35.7660, -81.8029

# Details

The Hex color **5844CA** 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 **B6CA44**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9476FF**, and **041593** is the 20% darker color. If you saturate the color by 10%, you get **4730CA**, and if you desaturate by 10%, it is **6958CA**.

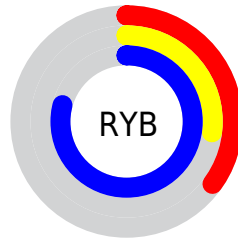
# Distribution



Red (35%)

Green (27%)

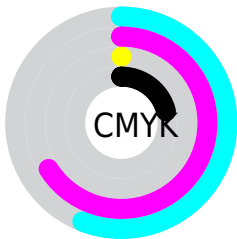
Blue (79%)



Red (35%)

Yellow (27%)

Blue (79%)

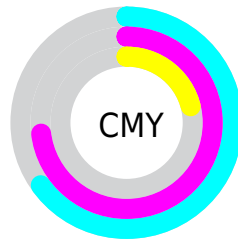


Cyan (56%)

Magenta (66%)

Yellow (0%)

Black (21%)



Cyan (65%)

Magenta (73%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5844CA 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 5844CA by changing the saturation by 10% instead.



■ 5844CA

■ 5844CA

FFFFFF

■ 372CAE

■ 9476FF

■ 041593

■ B190FF

■ 000078

■ CFABFF

■ 00005F

■ EDC6FF

■ 000846

■ FFE2FF

■ 00042E

■ 000119

■ 000000

■ 5844CA

■ 5844CA

■ 4730CA

■ 6958CA

■ 361CCA

■ 7A6CCA

■ 2407CA

■ 8C81CA

■ 1E00CA

■ 9D95CA

■ AEA9CA

■ BFBDC A

■ D0D1CA

■ E1E6CA

■ F3FACA

# Harmonies

## Analogous

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



0063E1



5844CA



AB0096

# Triad

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



5844CA



9C3F00



007462

# Complementary

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



5844CA



B6CA44

# 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.



007119



5844CA



695C00

# Square

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



5844CA



BE0016



1B6A00



0074A3

# Rectangle

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



5844CA



C2006C



1B6A00



00734B



# Sweetspot

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



5844CA



D4CCFF



44B8CA



656180



000000



808080



# Same Dimension

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



5844CA



5133FF



9944CA



5D5C66



1900A6



060026



# Inverse Universe

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



CA44B6



FF33E1



75CA44



665C64



A6008D

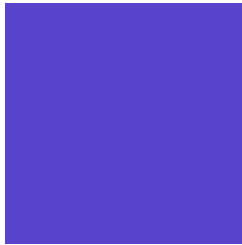


260021



# Previews

## White Background



This preview shows how the Hex color 5844CA looks on a white background.

## Color Contrast Check

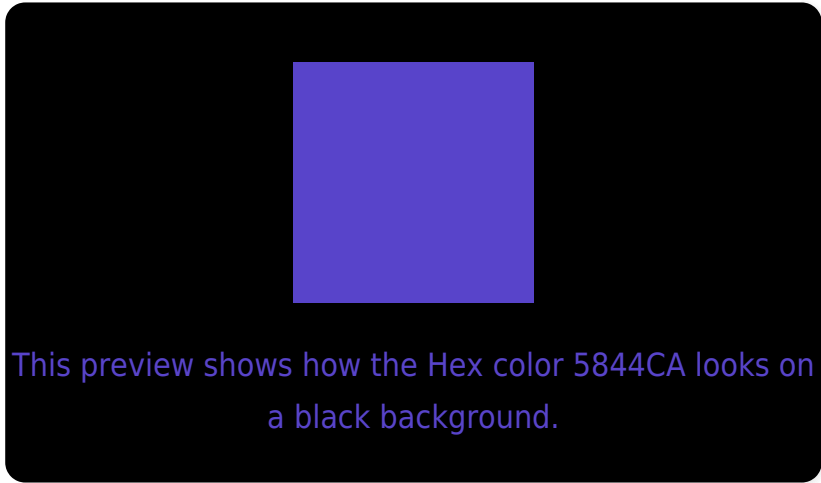
Large Text (above 18pt) WCAG AA ✓ Pass

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

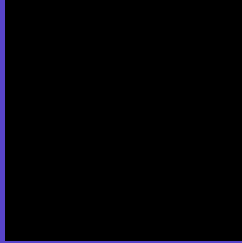
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5844CA Background



This preview shows how black text looks on a background with the Hex color 5844CA.

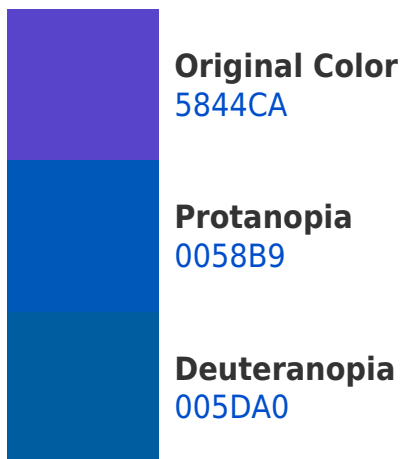



This preview shows how white text looks on a background with the Hex color 5844CA.

# 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](#).

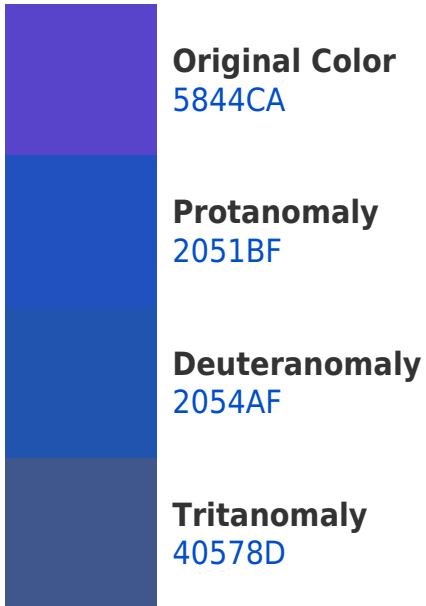
## Dichromacy



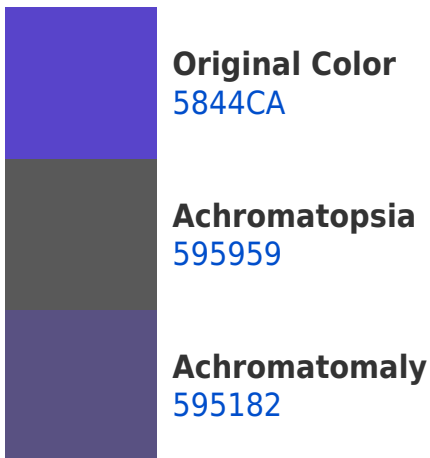


**Tritanopia**  
33626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5844CA 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 #5844CA looks like.

```
.text, #text, p{  
    color:#5844CA  
}
```

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 #5844CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5844CA }  
}
```

## Border

The CSS property to change the border of an element to Hex 5844CA 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".

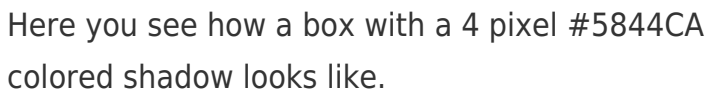
```
.border, #border, table{ border:4px solid #5844CA }  
}
```

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

```
.border{ border-color:#5844CA }
```

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

Here you see how a box with a 4 pixel #5844CA colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5844CA; -webkit-box-shadow:4px 4px  
4px 4px #5844CA; box-shadow:4px 4px 4px  
4px #5844CA }
```

# Background

The CSS property to change the background color of an element to Hex 5844CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5844CA }
```

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

```
.background{ background-color:#5844CA }
```

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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