

# Converting Colors

Hex(4C1CB3)

Have a look what the booklet for  
Hex(4C1CB3) contains.

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# Color

**Hex(4C1CB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C1CB3
RGB	76, 28, 179
RGB Percent	30%, 11%, 70%
CMY	0.7020, 0.8902, 0.2980
CMYK	0.58, 0.84, 0.00, 0.30
HSL	259°, 73%, 41%
HSV	259°, 84%, 70%
XYZ	11.5324, 5.6217, 43.1251
YIQ	59.5660, -19.8630, 57.1370

# Conversions

## Conversions Part 2

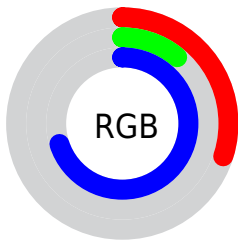
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 28, 179
Decimal	4988083
CIE <sub>Lab</sub>	28.44, 55.99, -70.26
CIE <sub>LCh</sub>	28, 89.843, 308.552
Yxy	5.6217, 0.1913, 0.0933
Android (android.graphics.Color)	4283178163 (0xFF4C1CB3)
YUV	59.5660, 58.8810, 14.4126
Hunter-Lab	23.7101, 45.3286, -91.2426

# Details

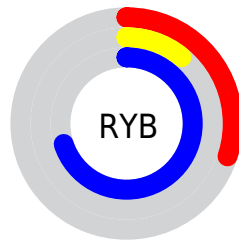
The Hex color **4C1CB3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **83B31C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8851EC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **400AB3**, and if you desaturate by 10%, it is **582EB3**.

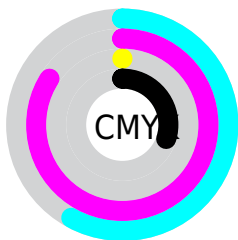
# Distribution



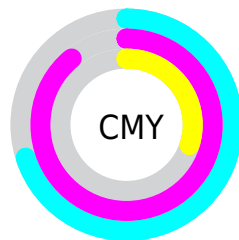
- Red (30%)
- Green (11%)
- Blue (70%)



- Red (30%)
- Yellow (11%)
- Blue (70%)



- Cyan (58%)
- Magenta (84%)
- Yellow (0%)
- Black (30%)



- Cyan (70%)
- Magenta (89%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C1CB3 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 4C1CB3 by changing the saturation by 10% instead.



■ 4C1CB3

■ 4C1CB3

FFFFFF

■ 290097

■ 8851EC

■ 00007D

■ A66BFF

■ 000063

■ C485FF

■ 00044A

■ E2A0FF

■ 000432

■ FFBCFF

■ 00021C

■ FFD8FF

■ 000000

■ FFF5FF

■ 4C1CB3

■ 4C1CB3

■ 400AB3

■ 582EB3

■ 3900B3

■ 6440B3

■ 7152B3

■ 7D64B3

■ 8976B3

■ 9587B3

■ A199B3

■ AEABB3

■ BABDB3

# Harmonies

## Analogous

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



004AD2



4C1CB3



9D0077

# Triad

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



4C1CB3



792900



005A56

# Complementary

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



4C1CB3



83B31C

# 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.



005804



4C1CB3



414700

# Square

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



4C1CB3



A10000



005300



005B9A

# Rectangle

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



4C1CB3



AF004A



005300



00593E



# Sweetspot

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



4C1CB3



C0AEE8



1C83B3



5D5275



F5F5F5



757575



# Same Dimension

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



4C1CB3



4A00E8



971CB3



535059



310099



08001A



# Inverse Universe

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



B31C83



E8009E



38B31C



595056



990068

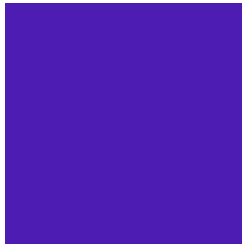


1A0011



# Previews

## White Background



This preview shows how the Hex color 4C1CB3 looks on a white background.

## Color Contrast Check

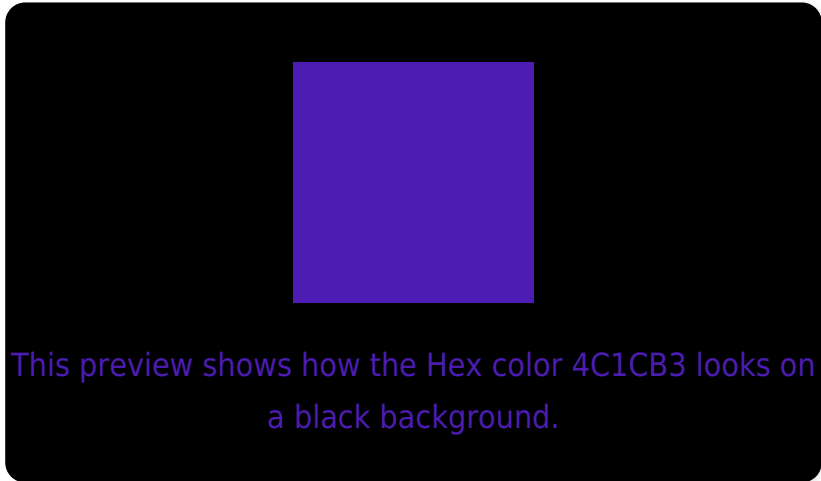
Large Text (above 18pt) WCAG AA ✓ Pass

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

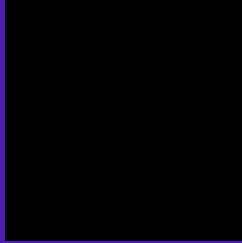
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C1CB3 Background



This preview shows how black text looks on a background with the Hex color 4C1CB3.



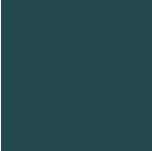
This preview shows how white text looks on a background with the Hex color 4C1CB3.

# 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**  
24494F

# Trichromacy



**Original Color**  
4C1CB3

**Protanomaly**  
1C3498

**Deuteranomaly**  
1C378C

**Tritanomaly**  
333973

# Monochromacy



**Original Color**  
4C1CB3

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
423067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C1CB3 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 #4C1CB3 looks like.

```
.text, #text, p{  
    color:#4C1CB3  
}
```

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 #4C1CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1CB3
}
```

## Border

The CSS property to change the border of an element to Hex 4C1CB3 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
#4C1CB3 }
```

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

```
.border{ border-color:#4C1CB3 }
```

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

Here you see how a box with a 4 pixel #4C1CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1CB3; -webkit-box-shadow:4px 4px  
4px 4px #4C1CB3; box-shadow:4px 4px 4px  
4px #4C1CB3 }
```

# Background

The CSS property to change the background color of an element to Hex 4C1CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1CB3 }
```

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

```
.background{ background-color:#4C1CB3 }
```

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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