

# Converting Colors

Hex(4C00C8)

Have a look what the booklet for  
Hex(4C00C8) contains.

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# Color

Hex(4C00C8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C00C8
RGB	76, 0, 200
RGB Percent	30%, 0%, 78%
CMY	0.7020, 1.0000, 0.2157
CMYK	0.62, 1.00, 0.00, 0.22
HSL	263°, 100%, 39%
HSV	263°, 100%, 78%
XYZ	13.4058, 5.7066, 55.0385
YIQ	45.5240, -18.9040, 78.3120

# Conversions

## Conversions Part 2

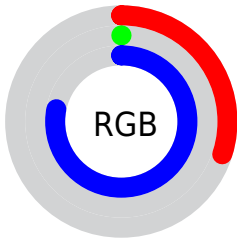
Format	Color
<b>RYB</b>	76, 0, 200
Decimal	4980936
CIELab	28.66, 67.77, -82.32
CIELCh	29, 106.625, 309.463
Yxy	5.7066, 0.1808, 0.0770
Android (android.graphics.Color)	4283171016 (0xFF4C00C8)
YUV	45.5240, 76.1567, 26.7275
Hunter-Lab	23.8886, 58.3660, -119.8804

# Details

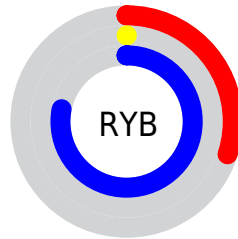
The Hex color **4C00C8** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **7CC800**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8D45FF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **4C00C8**, and if you desaturate by 10%, it is **5814C8**.

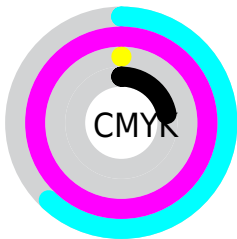
# Distribution



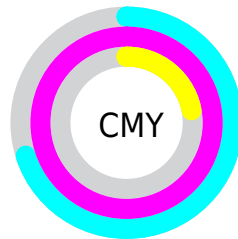
- Red (30%)
- Green (0%)
- Blue (78%)



- Red (30%)
- Yellow (0%)
- Blue (78%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (70%)
- Magenta (100%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C00C8 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 4C00C8 by changing the saturation by 10% instead.



 4C00C8

 4C00C8

FFFFFF

 2300AC

 8D45FF

 000090

 AB60FF

 000076

 CA7BFF

 00005C

 E997FF

 000743

 FFB3FF

 00032C

 FFD0FF

 000116

 FFEDFF

 000000

 4C00C8

 5814C8

 6528C8

 713CC8

 7E50C8

 8A64C8

 9678C8

 A38CC8

 AFA0C8

 BCB4C8

# Harmonies

## Analogous

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



004CEF



4C00C8



AF0080

# Triad

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



4C00C8



7F2400



005C5D

# Complementary

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



4C00C8



7CC800

# 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.



005A00



4C00C8



3B4A00

# Square

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



4C00C8



AE0000



005600



005FAE

# Rectangle

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



4C00C8



C2004A



005600



005B40



# Sweetspot

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



4C00C8



D0B3FF



007FC8



635280



000000



808080



# Same Dimension

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



4C00C8



6100FF



AD00C8



5D5A63



3E00A3



0E0024



# Inverse Universe

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



C8007C



FF009E



1BC800



635A60



A30065

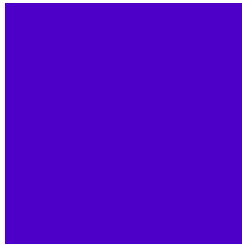


240016



# Previews

## White Background



This preview shows how the Hex color 4C00C8 looks on a white background.

## Color Contrast Check

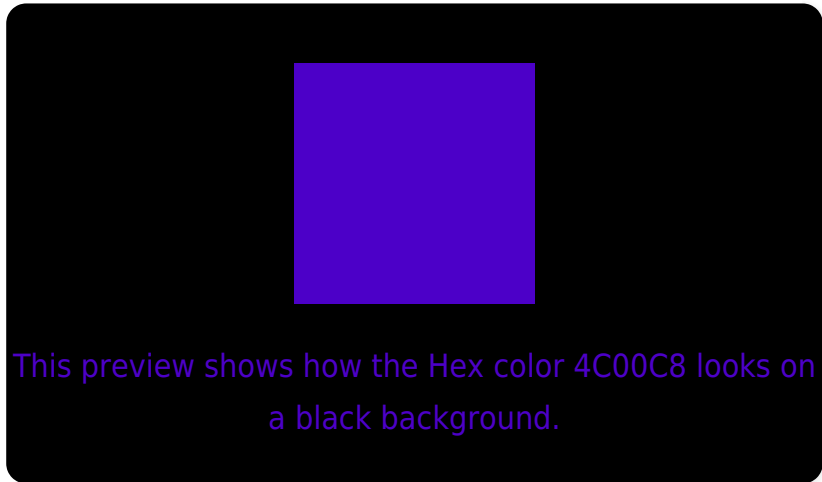
Large Text (above 18pt) WCAG AA ✓ Pass

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

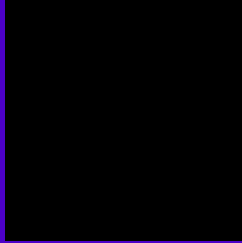
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C00C8 Background



This preview shows how black text looks on a background with the Hex color 4C00C8.



This preview shows how white text looks on a background with the Hex color 4C00C8.

# 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





# Trichromacy



**Original Color**  
4C00C8

**Protanomaly**  
1C2BA2

**Deuteranomaly**  
1C2E95

**Tritanomaly**  
1C317E

# Monochromacy



**Original Color**  
4C00C8

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
391D66

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C00C8 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 #4C00C8 looks like.

```
.text, #text, p{  
    color:#4C00C8  
}
```

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 #4C00C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C00C8
}
```

## Border

The CSS property to change the border of an element to Hex 4C00C8 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".

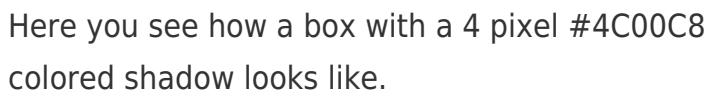
```
.border, #border, table{ border:4px solid
#4C00C8 }
```

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

```
.border{ border-color:#4C00C8 }
```

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

Here you see how a box with a 4 pixel #4C00C8 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C00C8; -webkit-box-shadow:4px 4px  
4px 4px #4C00C8; box-shadow:4px 4px 4px  
4px #4C00C8 }
```

# Background

The CSS property to change the background color of an element to Hex 4C00C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C00C8 }
```

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

```
.background{ background-color:#4C00C8 }
```

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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