

Converting Colors

Hex(4C00BE)

Have a look what the booklet for
Hex(4C00BE) contains.

Hex(4C00BE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4C00BE)

Conversions

Conversions Part 1

Format	Color
Hex	4C00BE
RGB	76, 0, 190
RGB Percent	30%, 0%, 75%
CMY	0.7020, 1.0000, 0.2549
CMYK	0.60, 1.00, 0.00, 0.25
HSL	264°, 100%, 37%
HSV	264°, 100%, 75%
XYZ	12.2748, 5.2542, 49.0824
YIQ	44.3840, -15.6940, 75.2020

Conversions

Conversions Part 2

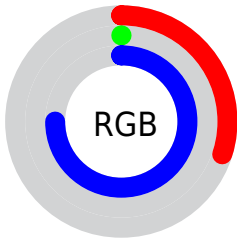
Format	Color
R_{YB}	76, 0, 190
Decimal	4980926
CIE _{Lab}	27.45, 65.46, -78.44
CIE _{LCh}	27, 102.168, 309.846
Yxy	5.2542, 0.1843, 0.0789
Android (android.graphics.Color)	4283171006 (0xFF4C00BE)
YUV	44.3840, 71.7887, 27.7272
Hunter-Lab	22.9221, 55.4731, -110.9107

Details

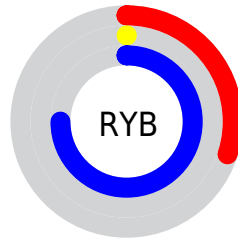
The Hex color **4C00BE** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **72BE00**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8B44F8**, and **000087** is the 20% darker color. If you saturate the color by 10%, you get **4C00BE**, and if you desaturate by 10%, it is **5713BE**.

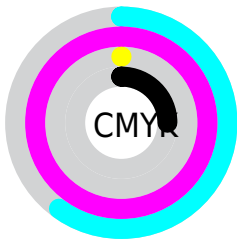
Distribution



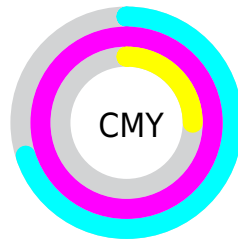
- Red (30%)
- Green (0%)
- Blue (75%)



- Red (30%)
- Yellow (0%)
- Blue (75%)



- Cyan (60%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)



- Cyan (70%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C00BE 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 4C00BE by changing the saturation by 10% instead.


 4C00BE


 4C00BE

FFFFFF

 2600A2

 8B44F8

 000087

 A95FFF

 00006D

 C87AFF

 000253

 E695FF

 00063B

 FFB1FF

 000224

 FFCEFF

 00000C

 FFE8FF

 000000

 4C00BE

■ 5713BE

■ 6326BE

■ 6E39BE

■ 7A4CBE

■ 855FBE

■ 9072BE

■ 9C85BE

■ A798BE

■ B3ABBE

Harmonies

Analogous

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



0049E3



4C00BE



A70079

Triad

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



4C00BE



792400



00595A

Complementary

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



4C00BE



72BE00

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.



005600



4C00BE



384700

Square

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



4C00BE



A60000



005200



005BA7

Rectangle

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



4C00BE



B90046



005200



00583F

Sweetspot

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



4C00BE



CBADF7



0072BE



62507D



FCFCFC



7D7D7D

Same Dimension

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



4C00BE



6300F7



AB00BE



59555E



3F009E



0C001F

Inverse Universe

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



BE0072



F70094



13BE00



5E555B



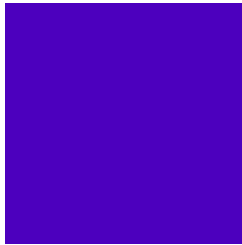
9E005F



1F0012

Previews

White Background



This preview shows how the Hex color 4C00BE looks on a white background.

Color Contrast Check

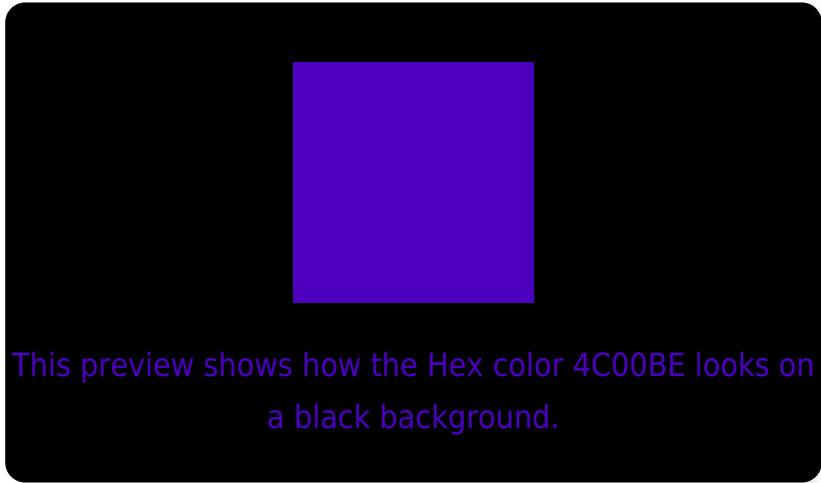
Large Text (above 18pt) WCAG AA ✓ Pass

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

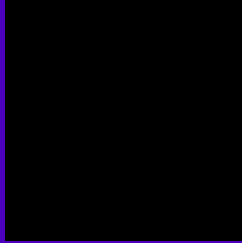
Any Text WCAG AA × Fail

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 4C00BE Background



This preview shows how black text looks on a background with the Hex color 4C00BE.



This preview shows how white text looks on a background with the Hex color 4C00BE.

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](#).

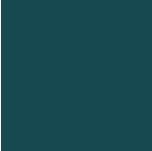
Dichromacy



Original Color
4C00BE

Protanopia
004188

Deuteranopia
004574



Tritanopia
164A50

Trichromacy



Original Color
4C00BE

Protanomaly
1C299C

Deuteranomaly
1C2C8F

Tritanomaly
2A2F78

Monochromacy



Original Color
4C00BE

Achromatopsia
2C2C2C

Achromatomaly
381C61

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C00BE 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 #4C00BE looks like.

```
.text, #text, p{  
    color:#4C00BE  
}
```

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 #4C00BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C00BE
}
```

Border

The CSS property to change the border of an element to Hex 4C00BE 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".

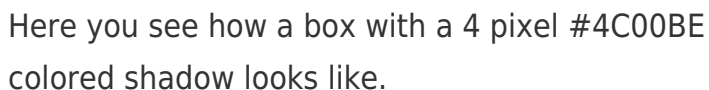
```
.border, #border, table{ border:4px solid
#4C00BE }
```

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

```
.border{ border-color:#4C00BE }
```

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

Here you see how a box with a 4 pixel #4C00BE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4C00BE colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C00BE; -webkit-box-shadow:4px 4px  
4px 4px #4C00BE; box-shadow:4px 4px 4px  
4px #4C00BE }
```

Background

The CSS property to change the background color of an element to Hex 4C00BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C00BE }
```

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

```
.background{ background-color:#4C00BE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor