

Converting Colors

Hex(4902CA)

Have a look what the booklet for
Hex(4902CA) contains.

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Color

Hex(4902CA)

Conversions

Conversions Part 1

Format	Color
Hex	4902CA
RGB	73, 2, 202
RGB Percent	29%, 1%, 79%
CMY	0.7137, 0.9922, 0.2078
CMYK	0.64, 0.99, 0.00, 0.21
HSL	261°, 98%, 40%
HSV	261°, 99%, 79%
XYZ	13.4300, 5.7242, 56.2741
YIQ	46.0290, -21.8840, 77.2520

Conversions

Conversions Part 2

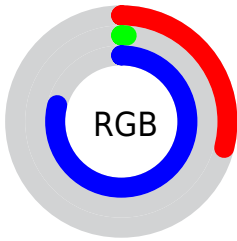
Format	Color
R _Y B	73, 2, 202
Decimal	4784842
CIE Lab	28.71, 67.73, -83.42
CIE LCh	29, 107.455, 309.072
Yxy	5.7242, 0.1781, 0.0759
Android (android.graphics.Color)	4282974922 (0xFF4902CA)
YUV	46.0290, 76.8937, 23.6536
Hunter-Lab	23.9252, 58.3290, -122.7076

Details

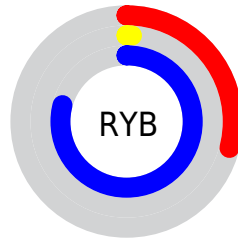
The Hex color **4902CA** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **83CA02**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **8B46FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **4800CA**, and if you desaturate by 10%, it is **5616CA**.

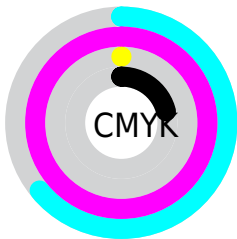
Distribution



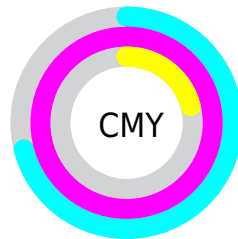
- Red (29%)
- Green (1%)
- Blue (79%)



- Red (29%)
- Yellow (1%)
- Blue (79%)



- Cyan (64%)
- Magenta (99%)
- Yellow (0%)
- Black (21%)



- Cyan (71%)
- Magenta (99%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4902CA 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 4902CA by changing the saturation by 10% instead.

4902CA

4902CA

FFFFFF

1D00AE

8B46FF

000092

AA61FF

000077

C87CFF

00005D

E797FF

000845

FFB3FF

00032D

FFD0FF

000118

FFEDFF

000000

4902CA

4902CA

■ 4800CA

■ 5616CA

■ 632ACA

■ 703FCA

■ 7D53CA

■ 8A67CA

■ 977BCA

■ A48FCA

■ B1A4CA

■ BEB8CA

Harmonies

Analogous

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



004DF1



4902CA



AF0081

Triad

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



4902CA



802300



005C5C

Complementary

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



4902CA



83CA02

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



4902CA



3C4900

Square

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



4902CA



AF0000



005600



005FAE

Rectangle

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



4902CA



C3004B



005600



005C3F

Sweetspot

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



4902CA



CEB3FF



0284CA



625280



000000



808080

Same Dimension

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



4902CA



5B00FF



AC02CA



5F5C66



3B00A6



0E0026

Inverse Universe

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



CA0283



FF00A4



20CA02



665C62



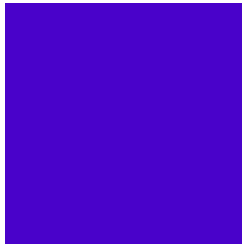
A6006B



260019

Previews

White Background



This preview shows how the Hex color 4902CA looks on a white background.

Color Contrast Check

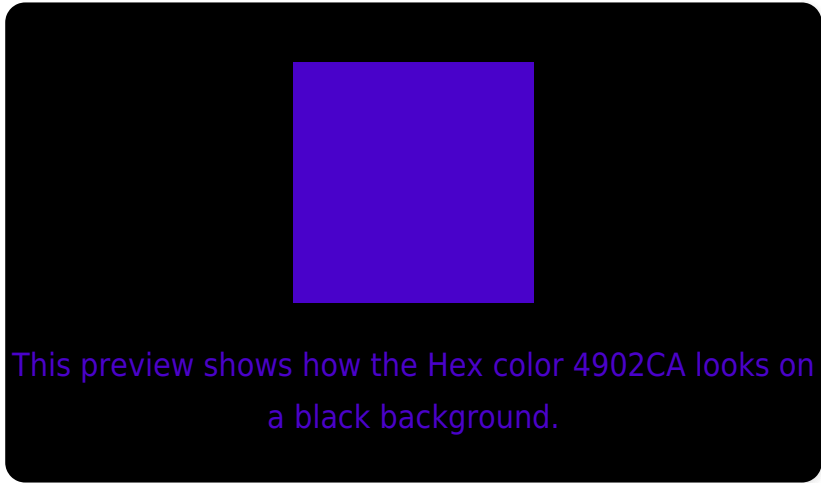
Large Text (above 18pt) WCAG AA ✓ Pass

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

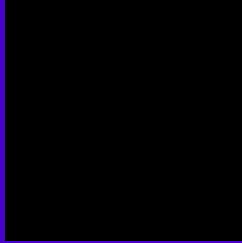
Any Text WCAG AA × Fail

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 4902CA Background



This preview shows how black text looks on a background with the Hex color 4902CA.



This preview shows how white text looks on a background with the Hex color 4902CA.

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
4902CA

Protanopia
00438D

Deuteranopia
004878



Tritanopia
004D53

Trichromacy



Original Color
4902CA

Protanomaly
1B2BA3

Deuteranomaly
1B2F96

Tritanomaly
1B327E

Monochromacy



Original Color
4902CA

Achromatopsia
2E2E2E

Achromatomaly
381E67

CSS Examples

Text

The CSS property to change the color of the text to Hex 4902CA 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 #4902CA looks like.

```
.text, #text, p{  
    color:#4902CA  
}
```

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 #4902CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4902CA
}
```

Border

The CSS property to change the border of an element to Hex 4902CA 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".

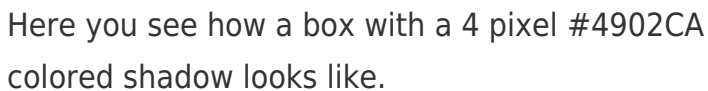
```
.border, #border, table{ border:4px solid
#4902CA }
```

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

```
.border{ border-color:#4902CA }
```

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

Here you see how a box with a 4 pixel #4902CA colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4902CA; -webkit-box-shadow:4px 4px  
4px 4px #4902CA; box-shadow:4px 4px 4px  
4px #4902CA }
```

Background

The CSS property to change the background color of an element to Hex 4902CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4902CA }
```

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

```
.background{ background-color:#4902CA }
```

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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