

# Converting Colors

Hex(4900A1)

Have a look what the booklet for  
Hex(4900A1) contains.

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# Color

**Hex(4900A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4900A1
RGB	73, 0, 161
RGB Percent	29%, 0%, 63%
CMY	0.7137, 1.0000, 0.3686
CMYK	0.55, 1.00, 0.00, 0.37
HSL	267°, 100%, 32%
HSV	267°, 100%, 63%
XYZ	9.1807, 3.9897, 34.0044
YIQ	40.1810, -8.1730, 65.5470

# Conversions

## Conversions Part 2

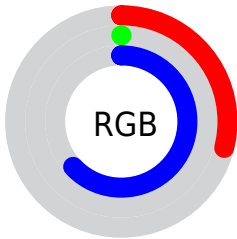
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 0, 161
Decimal	4784289
CIE <sub>Lab</sub>	23.64, 58.56, -67.35
CIE <sub>LCh</sub>	24, 89.251, 311.006
Yxy	3.9897, 0.1946, 0.0846
Android (android.graphics.Color)	4282974369 (0xFF4900A1)
YUV	40.1810, 59.5638, 28.7823
Hunter-Lab	19.9742, 47.0887, -86.9545

# Details

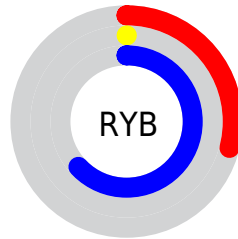
The Hex color **4900A1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **58A100**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8440D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **4900A1**, and if you desaturate by 10%, it is **5210A1**.

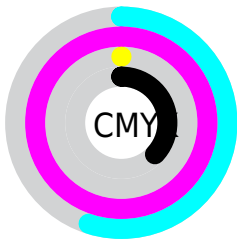
# Distribution



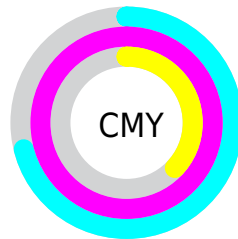
- Red (29%)
- Green (0%)
- Blue (63%)



- Red (29%)
- Yellow (0%)
- Blue (63%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (37%)



- Cyan (71%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4900A1 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 4900A1 by changing the saturation by 10% instead.



 4900A1

 4900A1

FFFFFF

 280086

 8440D9

 00006C

 A15AF6

 000053

 BF75FF

 00063A

 DD90FF

 000224

 FBABFF

 00000B

 FFC8FF

 000000

 FFE4FF

 4900A1

■ 5210A1

■ 5B20A1

■ 6330A1

■ 6C40A1

■ 7551A1

■ 7E61A1

■ 8771A1

■ 8F81A1

■ 9891A1

# Harmonies

## Analogous

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



003DC2



4900A1



920066

# Triad

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



4900A1



672200



004D51

# Complementary

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



4900A1



58A100

# 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.



004B02



4900A1



2F3E00

# Square

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



4900A1



8E0000



004800



004F92

# Rectangle

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



4900A1



A0003A



004800



004D39



# Sweetspot

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



4900A1



AF92D1



0059A1



544369



E8E8E8



696969



# Same Dimension

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



4900A1



5F00D1



9900A1



4D4952



420091



080012



# Inverse Universe

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



A10058



D10072



08A100



52494E



91004F

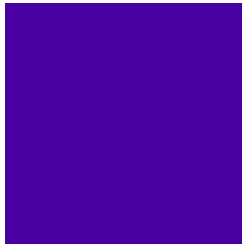


12000A



# Previews

## White Background



This preview shows how the Hex color 4900A1 looks on a white background.

## Color Contrast Check

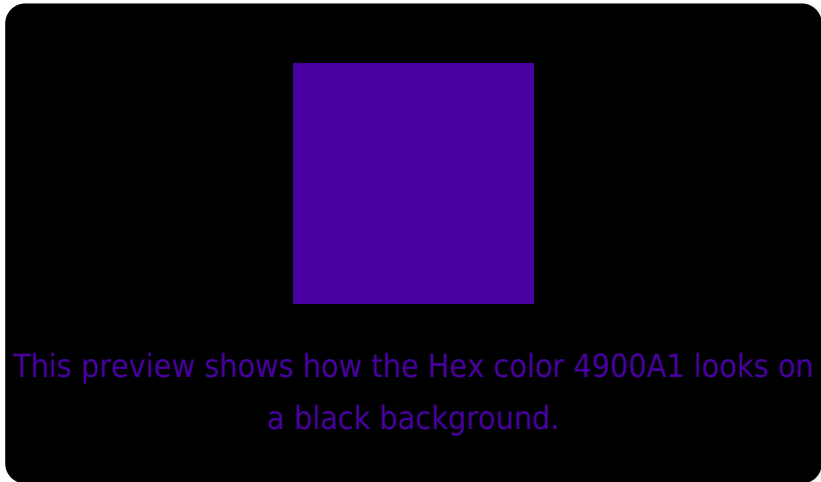
Large Text (above 18pt) WCAG AA ✓ Pass

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

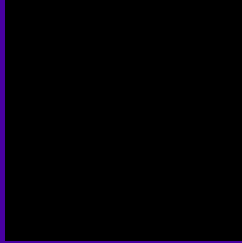
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4900A1 Background



This preview shows how black text looks on a background with the Hex color 4900A1.



This preview shows how white text looks on a background with the Hex color 4900A1.

# 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](#).

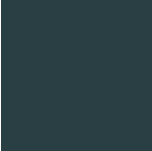
## Dichromacy



**Original Color**  
4900A1

**Protanopia**  
003978

**Deuteranopia**  
003D67



**Tritanopia**  
293F44

# Trichromacy



**Original Color**  
4900A1

**Protanomaly**  
1B2487

**Deuteranomaly**  
1B277C

**Tritanomaly**  
352866

# Monochromacy



**Original Color**  
4900A1

**Achromatopsia**  
282828

**Achromatomaly**  
341954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4900A1 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 #4900A1 looks like.

```
.text, #text, p{  
    color:#4900A1  
}
```

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 #4900A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4900A1
}
```

## Border

The CSS property to change the border of an element to Hex 4900A1 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
#4900A1 }
```

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

```
.border{ border-color:#4900A1 }
```

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

Here you see how a box with a 4 pixel #4900A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4900A1; -webkit-box-shadow:4px 4px  
4px 4px #4900A1; box-shadow:4px 4px 4px  
4px #4900A1 }
```

# Background

The CSS property to change the background color of an element to Hex 4900A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4900A1 }
```

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

```
.background{ background-color:#4900A1 }
```

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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