

# Converting Colors

Hex(4723A9)

Have a look what the booklet for  
Hex(4723A9) contains.

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# Color

Hex(4723A9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4723A9
RGB	71, 35, 169
RGB Percent	28%, 14%, 66%
CMY	0.7216, 0.8627, 0.3373
CMYK	0.58, 0.79, 0.00, 0.34
HSL	256°, 66%, 40%
HSV	256°, 79%, 66%
XYZ	10.3610, 5.4062, 38.0335
YIQ	61.0400, -21.5580, 49.3060

# Conversions

## Conversions Part 2

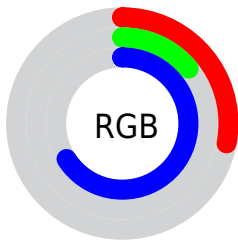
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 35, 169
Decimal	4662185
CIE <sub>Lab</sub>	27.86, 49.79, -65.23
CIE <sub>LCh</sub>	28, 82.059, 307.354
Yxy	5.4062, 0.1926, 0.1005
Android (android.graphics.Color)	4282852265 (0xFF4723A9)
YUV	61.0400, 53.2243, 8.7349
Hunter-Lab	23.2513, 38.8515, -80.7083

# Details

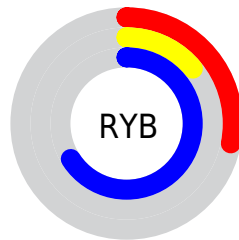
The Hex color **4723A9** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **85A923**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8255E1**, and **000073** is the 20% darker color. If you saturate the color by 10%, you get **3B12A9**, and if you desaturate by 10%, it is **5334A9**.

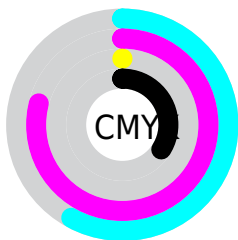
# Distribution



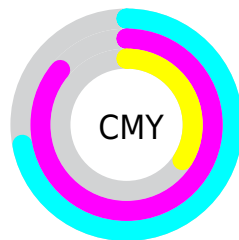
- Red (28%)
- Green (14%)
- Blue (66%)



- Red (28%)
- Yellow (14%)
- Blue (66%)



- Cyan (58%)
- Magenta (79%)
- Yellow (0%)
- Black (34%)



- Cyan (72%)
- Magenta (86%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4723A9 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 4723A9 by changing the saturation by 10% instead.



4723A9

4723A9

FFFFFF

25078E

8255E1

000073

9F6EFF

00005A

BD89FF

000741

DAA4FF

00032A

F8BFFF

000115

FFDBFF

000000

FFF8FF

4723A9

4723A9

■ 3B12A9

■ 5334A9

■ 2E01A9

■ 6045A9

■ 2D00A9

■ 6C56A9

■ 7867A9

■ 8577A9

■ 9188A9

■ 9E99A9

■ AAAAA9

■ B6BBA9

# Harmonies

## Analogous

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



0048C4



4723A9



930074

# Triad

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



4723A9



762900



005751

# Complementary

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



4723A9



85A923

# 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.



005506



4723A9



444500

# Square

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



4723A9



9A0000



005100



00588F

# Rectangle

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



4723A9



A4004B



005100



00573A



# Sweetspot

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



4723A9



B5A7DB



2385A9



564E6E



EDEDED



6E6E6E



# Same Dimension

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



4723A9



430BDB



8A23A9



4E4C54



280094



050014



# Inverse Universe

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



A92385



DB0BA3



42A923



544C52



94006C

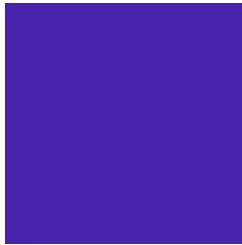


14000F



# Previews

## White Background



This preview shows how the Hex color 4723A9 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

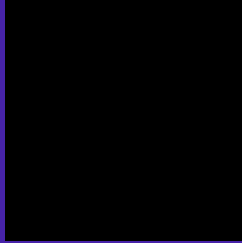
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4723A9 Background



This preview shows how black text looks on a background with the Hex color 4723A9.

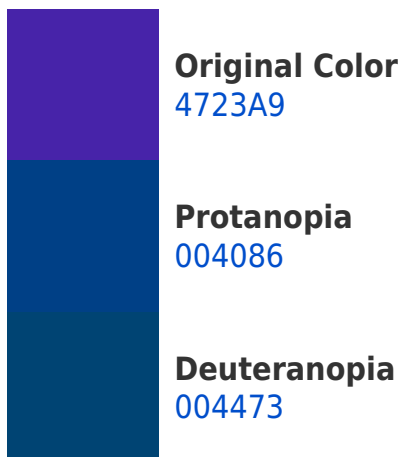


This preview shows how white text looks on a background with the Hex color 4723A9.

# 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**  
21484E

# Trichromacy



**Original Color**  
4723A9

**Protanomaly**  
1A3593

**Deuteranomaly**  
1A3887

**Tritanomaly**  
2F3B6F

# Monochromacy



**Original Color**  
4723A9

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
413464

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4723A9 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 #4723A9 looks like.

```
.text, #text, p{  
    color:#4723A9  
}
```

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 #4723A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4723A9
}
```

## Border

The CSS property to change the border of an element to Hex 4723A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

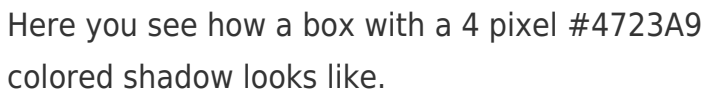
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4723A9 }
```

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

```
.border{ border-color:#4723A9 }
```

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



Here you see how a box with a 4 pixel #4723A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4723A9; -webkit-box-shadow:4px 4px  
4px 4px #4723A9; box-shadow:4px 4px 4px  
4px #4723A9 }
```

# Background

The CSS property to change the background color of an element to Hex 4723A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4723A9 }
```

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

```
.background{ background-color:#4723A9 }
```

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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