

# Converting Colors

Hex(274A9B)

Have a look what the booklet for  
Hex(274A9B) contains.

<b>Hex(274A9B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(274A9B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	274A9B
RGB	39, 74, 155
RGB Percent	15%, 29%, 61%
CMY	0.8471, 0.7098, 0.3922
CMYK	0.75, 0.52, 0.00, 0.39
HSL	222°, 60%, 38%
HSV	222°, 75%, 61%
XYZ	9.2019, 7.6955, 32.0107
YIQ	72.7690, -46.8610, 17.7710

# Conversions

## Conversions Part 2

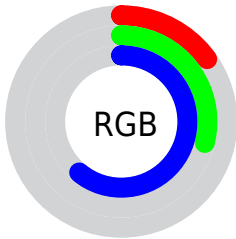
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 66, 155
Decimal	2575003
CIE <sub>Lab</sub>	33.34, 16.91, -47.92
CIE <sub>LCh</sub>	33, 50.815, 289.442
Yxy	7.6955, 0.1881, 0.1573
Android (android.graphics.Color)	4280765083 (0xFF274A9B)
YUV	72.7690, 40.5399, -29.6154
Hunter-Lab	27.7407, 10.6641, -48.9979

# Details

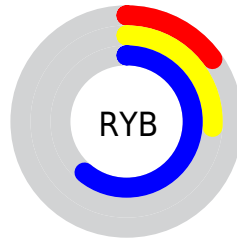
The Hex color **274A9B** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **9B7827**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **657AD2**, and **001F67** is the 20% darker color. If you saturate the color by 10%, you get **183F9B**, and if you desaturate by 10%, it is **37559B**.

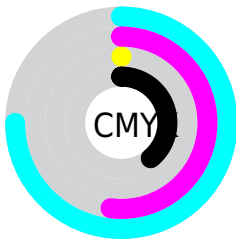
# Distribution



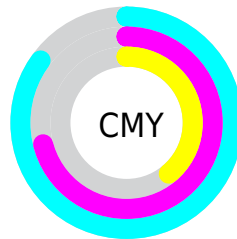
- Red (15%)
- Green (29%)
- Blue (61%)



- Red (15%)
- Yellow (26%)
- Blue (61%)



- Cyan (75%)
- Magenta (52%)
- Yellow (0%)
- Black (39%)



- Cyan (85%)
- Magenta (71%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 274A9B 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 274A9B by changing the saturation by 10% instead.



■ 274A9B

■ 274A9B

FFFFFF

■ 003481

■ 657AD2

■ 001F67

■ 8194EF

■ 00084E

■ 9EAEFF

■ 000537

■ BACAFF

■ 000220

■ D7E6FF

■ 000005

■ F5FFFF

■ 000000

■ 274A9B

■ 274A9B

■ 183F9B

■ 37559B

08349B

46609B

002F9B

566A9B

65759B

75809B

848B9B

93969B

A3A19B

B3AB9B

# Harmonies

## Analogous

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



00579E



274A9B



703683

# Triad

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



274A9B



873510



005F3E

# Complementary

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



274A9B



9B7827

# 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.



075C14



274A9B



6C4800

# Square

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



274A9B



942236



475400



006068

# Rectangle

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



274A9B



87276C



475400



005E30



# Sweetspot

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



274A9B



9DABC9



279B76



4B5366



E6E6E6



666666



# Same Dimension

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



274A9B



144BC9



3C279B



45474D



002A8C



00040D



# Inverse Universe

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



9B274A



C9144B



869B27



4D4547



8C002A



0D0004



# Previews

## White Background



This preview shows how the Hex color 274A9B looks on a white background.

## Color Contrast Check

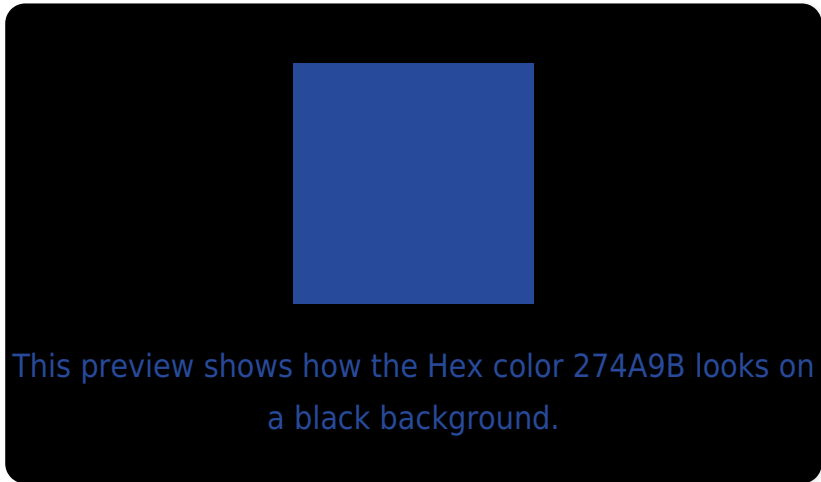
Large Text (above 18pt) WCAG AA ✓ Pass

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

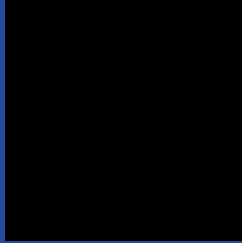
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 274A9B Background



This preview shows how black text looks on a background with the Hex color 274A9B.

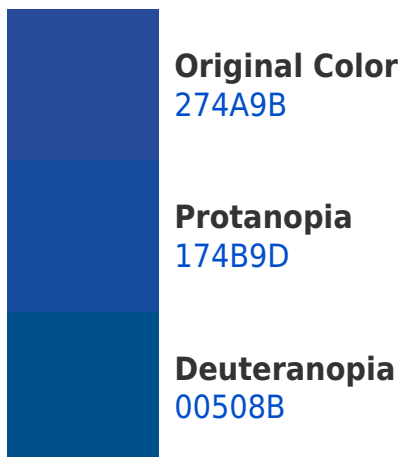


This preview shows how white text looks on a background with the Hex color 274A9B.

# 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**  
00575D

# Trichromacy



**Original Color**  
274A9B

**Protanomaly**  
1D4B9C

**Deuteranomaly**  
0E4E91

**Tritanomaly**  
0E5274

# Monochromacy



**Original Color**  
274A9B

**Achromatopsia**  
494949

**Achromatomaly**  
3D4967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 274A9B 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 #274A9B looks like.

```
.text, #text, p{  
    color:#274A9B  
}
```

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 #274A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #274A9B
}
```

## Border

The CSS property to change the border of an element to Hex 274A9B 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
#274A9B }
```

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

```
.border{ border-color:#274A9B }
```

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

Here you see how a box with a 4 pixel #274A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #274A9B; -webkit-box-shadow:4px 4px  
4px 4px #274A9B; box-shadow:4px 4px 4px  
4px #274A9B }
```

# Background

The CSS property to change the background color of an element to Hex 274A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#274A9B }
```

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

```
.background{ background-color:#274A9B }
```

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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