

# Converting Colors

Hex(275DCA)

Have a look what the booklet for  
Hex(275DCA) contains.

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# Color

**Hex(275DCA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	275DCA
RGB	39, 93, 202
RGB Percent	15%, 36%, 79%
CMY	0.8471, 0.6353, 0.2078
CMYK	0.81, 0.54, 0.00, 0.21
HSL	220°, 68%, 47%
HSV	220°, 81%, 79%
XYZ	15.4117, 12.5243, 57.4823
YIQ	89.2800, -67.1730, 22.4510

# Conversions

## Conversions Part 2

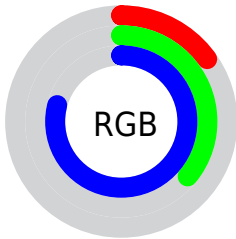
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 80, 202
Decimal	2579914
CIE <sub>Lab</sub>	42.04, 22.49, -61.58
CIE <sub>LCh</sub>	42, 65.556, 290.063
Yxy	12.5243, 0.1804, 0.1466
Android (android.graphics.Color)	4280769994 (0xFF275DCA)
YUV	89.2800, 55.5710, -44.0956
Hunter-Lab	35.3897, 15.8023, -71.5299

# Details

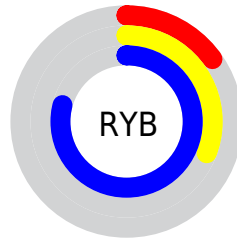
The Hex color **275DCA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CA9427**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6F8FFF**, and **003093** is the 20% darker color. If you saturate the color by 10%, you get **134FCA**, and if you desaturate by 10%, it is **3B6BCA**.

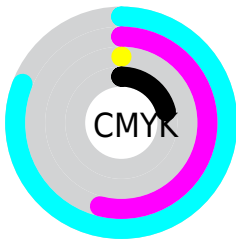
# Distribution



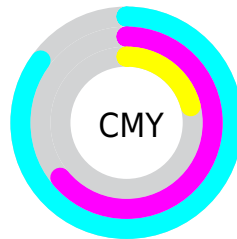
- Red (15%)
- Green (36%)
- Blue (79%)



- Red (15%)
- Yellow (31%)
- Blue (79%)



- Cyan (81%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (64%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 275DCA 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 275DCA by changing the saturation by 10% instead.



 275DCA

 275DCA

FFFFFF

 0046AE

 6F8FFF

 003093

 8EA9FF

 001D78

 ACC4FF

 00045F

 CAE0FF

 000846

 E9FCFF

 00042F

 000119

 000000

 275DCA

 275DCA

■ 134FCA

■ 3B6BCA

■ 0043CA

■ 4F78CA

■ 6486CA

■ 7893CA

■ 8CA1CA

■ A0AECA

■ B4BCCA

■ C9C9CA

■ DDD7CA

# Harmonies

## Analogous

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



006FCF



275DCA



9040A9

# Triad

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



275DCA



AC4009



00794F

# Complementary

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



275DCA



CA9427

# 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.



007512



275DCA



885B00

# Square

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



275DCA



BF2042



576B00



007A87

# Rectangle

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



275DCA



AF2989



576B00



00783C



# Sweetspot

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



275DCA



C2D6FF



27CA94



5B6780



000000



808080



# Same Dimension

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



275DCA



085AFF



4227CA



5C5F66



0037A6



000D26



# Inverse Universe

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



CA275D



FF085A



AFCA27



665C5F



A60037



26000D



# Previews

## White Background



This preview shows how the Hex color 275DCA looks on a white background.

## Color Contrast Check

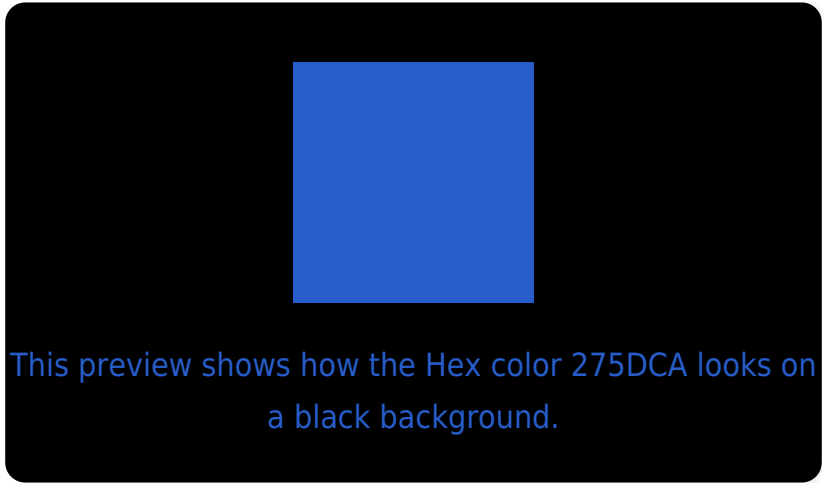
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

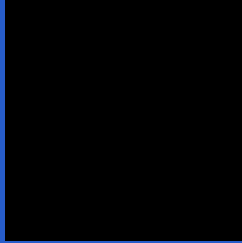
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 275DCA Background



This preview shows how black text looks on a background with the Hex color 275DCA.

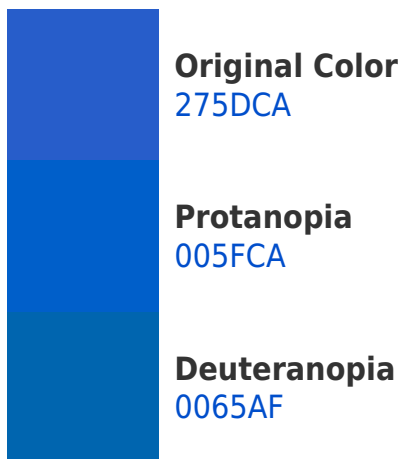


This preview shows how white text looks on a background with the Hex color 275DCA.

# 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**  
006E75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 275DCA 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 #275DCA looks like.

```
.text, #text, p{  
    color:#275DCA  
}
```

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 #275DCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #275DCA
}
```

## Border

The CSS property to change the border of an element to Hex 275DCA 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
#275DCA }
```

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

```
.border{ border-color:#275DCA }
```

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

Here you see how a box with a 4 pixel #275DCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #275DCA; -webkit-box-shadow:4px 4px  
4px 4px #275DCA; box-shadow:4px 4px 4px  
4px #275DCA }
```

# Background

The CSS property to change the background color of an element to Hex 275DCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#275DCA }
```

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

```
.background{ background-color:#275DCA }
```

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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