

# Converting Colors

Hex(D279C0)

Have a look what the booklet for  
Hex(D279C0) contains.

<b>Hex(D279C0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D279C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D279C0
RGB	210, 121, 192
RGB Percent	82%, 47%, 75%
CMY	0.1765, 0.5255, 0.2471
CMYK	0.00, 0.42, 0.09, 0.18
HSL	312°, 50%, 65%
HSV	312°, 42%, 82%
XYZ	42.9301, 31.1822, 53.6253
YIQ	155.7050, 30.2530, 40.9490

# Conversions

## Conversions Part 2

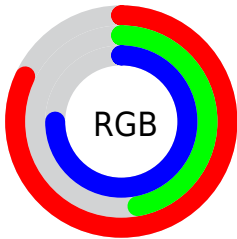
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 121, 192
Decimal	13793728
CIE <sub>Lab</sub>	62.66, 44.57, -22.32
CIE <sub>LCh</sub>	63, 49.849, 333.400
Yxy	31.1822, 0.3361, 0.2441
Android (android.graphics.Color)	4291983808 (0xFFD279C0)
YUV	155.7050, 17.8934, 47.6167
Hunter-Lab	55.8410, 39.5078, -17.8487

# Details

The Hex color **D279C0** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **79D28B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFAFF9**, and **9A458A** is the 20% darker color. If you saturate the color by 10%, you get **D264BC**, and if you desaturate by 10%, it is **D28EC4**.

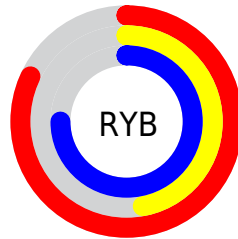
# Distribution



Red (82%)

Green (47%)

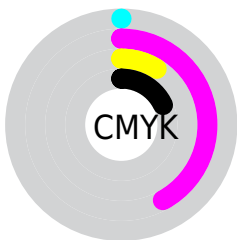
Blue (75%)



Red (82%)

Yellow (47%)

Blue (75%)

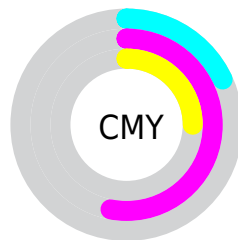


Cyan (0%)

Magenta (42%)

Yellow (9%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D279C0 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 D279C0 by changing the saturation by 10% instead.



 D279C0

 D279C0

FFFFFF

 B65FA5

 FFAFF9

 9A458A

 FFCBFF

 7F2B71

 FFE8FF

 640D58

 4A0040

 33002A

 140015

 000000

 D279C0

 D279C0

 D264BC

 D28EC4

 D24FB8

 D2A3C8

 D23AB3

 D2B8CD

 D225AF

 D2CDD1

 D210AB

 D2E2D5

 D200A8

 D2F7D9

 D2FFDE

 D2FFE2

 D2FFE6

# Harmonies

## Analogous

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



A18AE2



D279C0



E87194

# Triad

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



D279C0



AC973B



00ADC7

# Complementary

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



D279C0



79D28B

# 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.



00AE9B



D279C0



7EA34A

# Square

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



D279C0



D08748



40AB6E



00A6E6

# Rectangle

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



D279C0



EA7477



40AB6E



00ADB9



# Sweetspot

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



D279C0



FFDEF8



8B79D2



806B7B



000000



808080



# Same Dimension

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



D279C0



FF7DE5



D27994



695E66



A80086



290021



# Inverse Universe

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



D279C0



FF7DE5



79D2B7



695E66



A80086

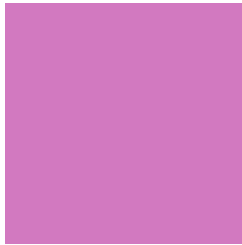


290021



# Previews

## White Background



This preview shows how the Hex color D279C0 looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

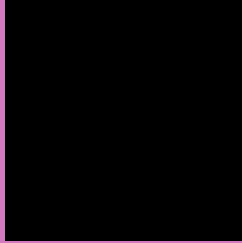
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D279C0 Background



This preview shows how black text looks on a background with the Hex color D279C0.

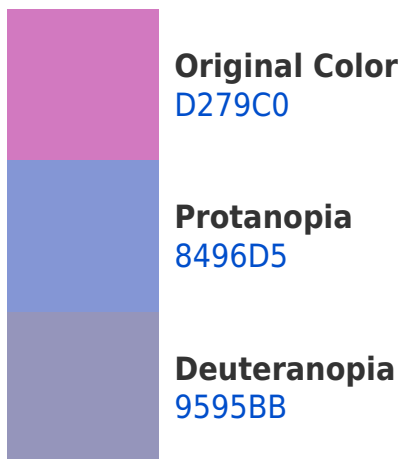


This preview shows how white text looks on a background with the Hex color D279C0.

# Color Blindness Simulation

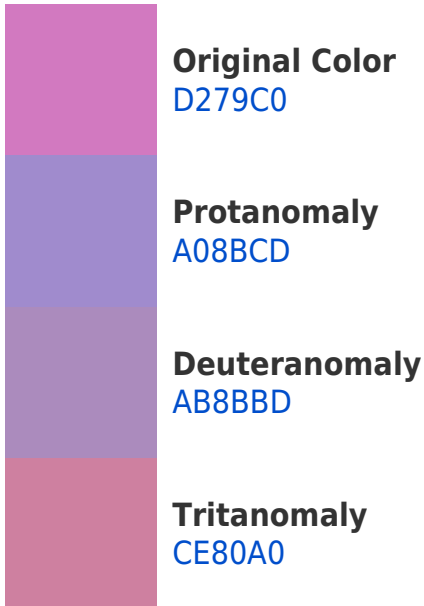
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D279C0 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 #D279C0 looks like.

```
.text, #text, p{  
    color:#D279C0  
}
```

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 #D279C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D279C0
}
```

## Border

The CSS property to change the border of an element to Hex D279C0 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
#D279C0 }
```

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

```
.border{ border-color:#D279C0 }
```

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

Here you see how a box with a 4 pixel #D279C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D279C0; -webkit-box-shadow:4px 4px  
4px 4px #D279C0; box-shadow:4px 4px 4px  
4px #D279C0 }
```

# Background

The CSS property to change the background color of an element to Hex D279C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D279C0 }
```

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

```
.background{ background-color:#D279C0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor