

# Converting Colors

Hex(D270AB)

Have a look what the booklet for  
Hex(D270AB) contains.

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# **Color**

**Hex(D270AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D270AB
RGB	210, 112, 171
RGB Percent	82%, 44%, 67%
CMY	0.1765, 0.5608, 0.3294
CMYK	0.00, 0.47, 0.19, 0.18
HSL	324°, 52%, 63%
HSV	324°, 47%, 82%
XYZ	39.7232, 28.2303, 41.8834
YIQ	148.0280, 39.4690, 39.1250

# Conversions

## Conversions Part 2

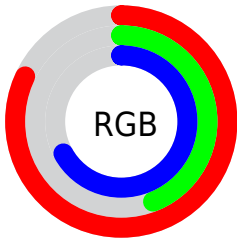
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 112, 171
Decimal	13791403
CIE Lab	60.10, 45.83, -14.25
CIE LCh	60, 47.993, 342.723
Yxy	28.2303, 0.3617, 0.2570
Android (android.graphics.Color)	4291981483 (0xFFD270AB)
YUV	148.0280, 11.3252, 54.3494
Hunter-Lab	53.1321, 40.4707, -9.5451

# Details

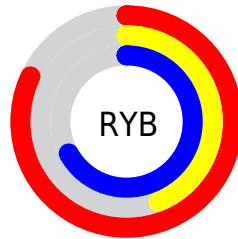
The Hex color **D270AB** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70D297**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFA6E2**, and **993C77** is the 20% darker color. If you saturate the color by 10%, you get **D25BA3**, and if you desaturate by 10%, it is **D285B3**.

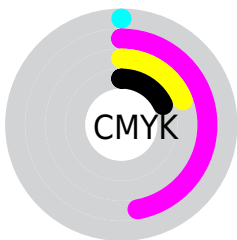
# Distribution



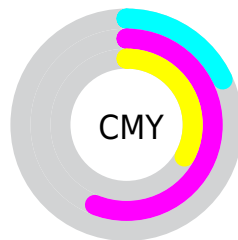
- Red (82%)
- Green (44%)
- Blue (67%)



- Red (82%)
- Yellow (44%)
- Blue (67%)



- Cyan (0%)
- Magenta (47%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (56%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D270AB 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 D270AB by changing the saturation by 10% instead.



 D270AB

 D270AB

FFFFFF

 B55690

 FFA6E2

 993C77

 FFC2FF

 7E205E

 FFDFFF

 630046

 FFFCFF

 490030

 32001C

 080000

 000000

 D270AB

 D270AB

 D25BA3

 D285B3

 D2469A

 D29ABC

 D23192

 D2AFC4

 D21C8A

 D2C4CC

 D20781

 D2D9D5

 D2007E

 D2EEDD

 D2FFE6

 D2FFEE

 D2FFF6

# Harmonies

## Analogous

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



AB7ECF



D270AB



E06D80

# Triad

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



D270AB



98943A



00A4C9

# Complementary

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



D270AB



70D297

# 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.



00A6A2



D270AB



699F50

# Square

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



D270AB



BD863E



1BA476



009CE1

# Rectangle

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



D270AB



DC7265



1BA476



00A5BD



# Sweetspot

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



D270AB



FFDBF1



9670D2



806A77



000000



808080



# Same Dimension

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



D270AB



FF70C6



D2707B



695E64



A80065



290019



# Inverse Universe

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



D270AB



FF70C6



70D2C7



695E64



A80065

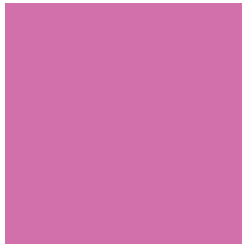


290019



# Previews

## White Background



This preview shows how the Hex color D270AB looks on a white background.

## Color Contrast Check

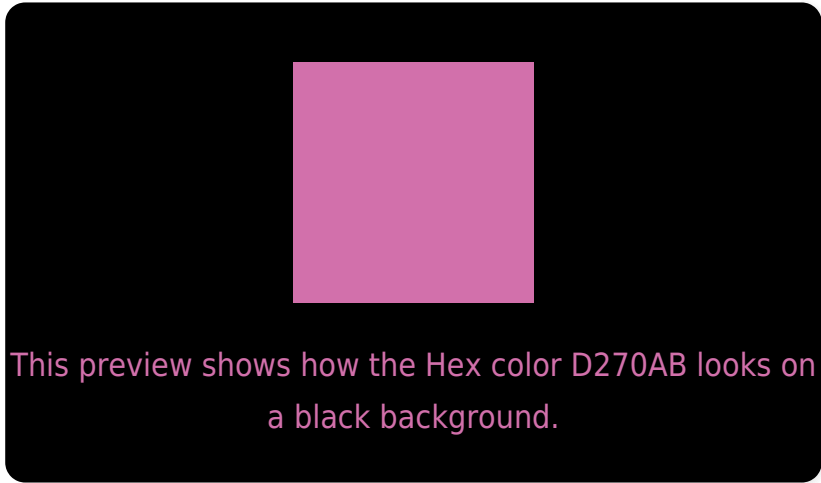
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

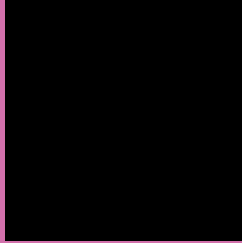
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex D270AB Background



This preview shows how black text looks on a background with the Hex color D270AB.

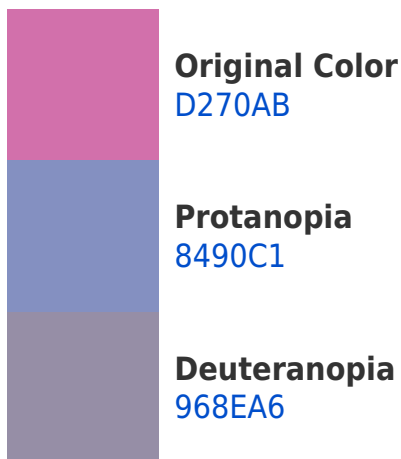


This preview shows how white text looks on a background with the Hex color D270AB.

# 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



**Original Color**  
D270AB



**Protanomaly**  
A084B9



**Deuteranomaly**  
AC83A8

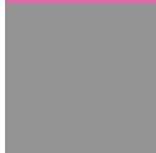


**Tritanomaly**  
CF7590

# Monochromacy



**Original Color**  
D270AB



**Achromatopsia**  
949494



**Achromatomaly**  
AB879C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D270AB 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 #D270AB looks like.

```
.text, #text, p{  
    color:#D270AB  
}
```

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 #D270AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D270AB
}
```

## Border

The CSS property to change the border of an element to Hex D270AB 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
#D270AB }
```

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

```
.border{ border-color:#D270AB }
```

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

Here you see how a box with a 4 pixel #D270AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D270AB; -webkit-box-shadow:4px 4px  
4px 4px #D270AB; box-shadow:4px 4px 4px  
4px #D270AB }
```

# Background

The CSS property to change the background color of an element to Hex D270AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D270AB }
```

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

```
.background{ background-color:#D270AB }
```

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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