

# Converting Colors

Hex(D80CA3)

Have a look what the booklet for  
Hex(D80CA3) contains.

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**Color**

**Hex(D80CA3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D80CA3
RGB	216, 12, 163
RGB Percent	85%, 5%, 64%
CMY	0.1529, 0.9529, 0.3608
CMYK	0.00, 0.94, 0.25, 0.15
HSL	316°, 89%, 45%
HSV	316°, 94%, 85%
XYZ	35.0612, 17.5062, 36.1814
YIQ	90.2100, 73.1130, 90.2090

# Conversions

## Conversions Part 2

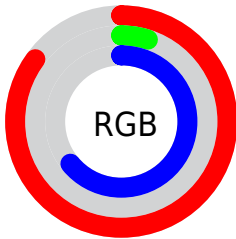
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 12, 163
Decimal	14159011
CIE Lab	48.89, 78.89, -26.65
CIE LCh	49, 83.265, 341.336
Yxy	17.5062, 0.3951, 0.1973
Android (android.graphics.Color)	4292349091 (0xFFD80CA3)
YUV	90.2100, 35.8855, 110.3178
Hunter-Lab	41.8404, 76.3578, -21.9826

# Details

The Hex color **D80CA3** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **0CD841**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF60DA**, and **9C006F** is the 20% darker color. If you saturate the color by 10%, you get **D800A0**, and if you desaturate by 10%, it is **D822A9**.

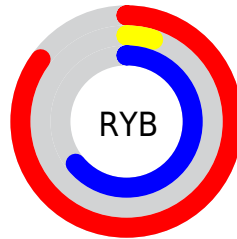
# Distribution



Red (85%)

Green (5%)

Blue (64%)



Red (85%)

Yellow (5%)

Blue (64%)

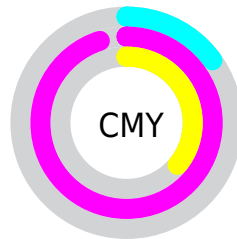


Cyan (0%)

Magenta (94%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (95%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D80CA3 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 D80CA3 by changing the saturation by 10% instead.



 D80CA3

 D80CA3

FFFFFF

 BA0089

 FF60DA

 9C006F

 FF7EF7

 7F0056

 FF9CFF

 62003F

 FFBAFF

 470029

 FFD8FF

 290012

 FFF7FF

 000000

 D80CA3

 D80CA3

 D800A0

 D822A9

 D837AE

 D84DB4

 D862B9

 D878BF

 D88EC5

 D8A3CA

 D8B9D0

 D8CED6

# Harmonies

## Analogous

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



9451E0



D80CA3



EB005D

# Triad

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



D80CA3



767A00



0090D1

# Complementary

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



D80CA3



0CD841

# 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.



00918E



D80CA3



088800

# Square

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



D80CA3



B16000



008E43



0089FC

# Rectangle

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



D80CA3



E41D2F



008E43



0091BC



# Sweetspot

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



D80CA3



FFB8EC



3F0CD8



805474



000000



808080



# Same Dimension

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



D80CA3



FF00BD



D80C3F



6B6068



AB007E



2B0020



# Inverse Universe

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



D80CA3



FF00BD



0CD8A5



6B6068



AB007E



2B0020



# Previews

## White Background



This preview shows how the Hex color D80CA3 looks on a white background.

## Color Contrast Check

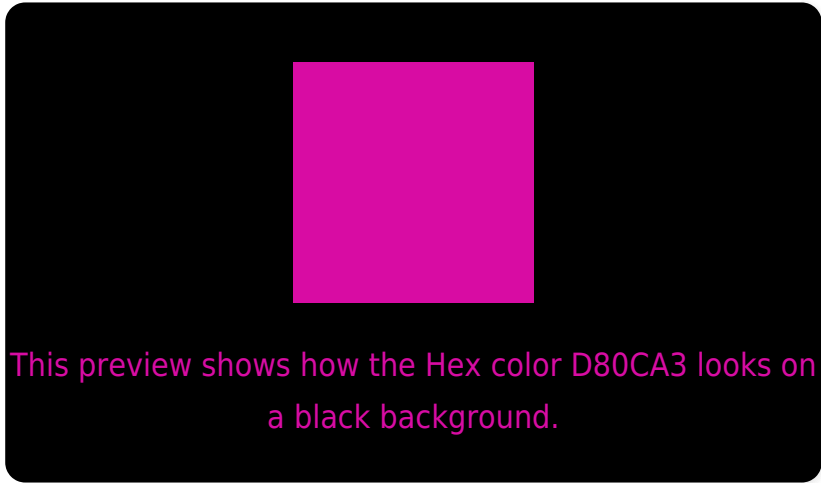
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 D80CA3 Background



This preview shows how black text looks on a background with the Hex color D80CA3.

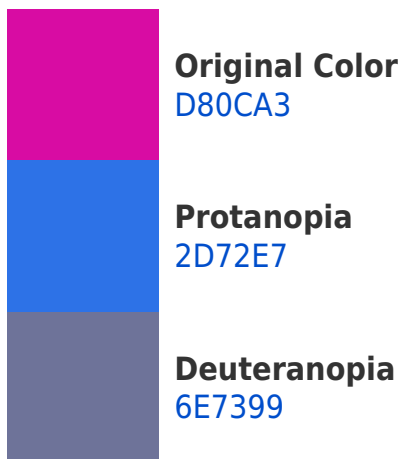


This preview shows how white text looks on a background with the Hex color D80CA3.

# 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**  
D80CA3



**Protanomaly**  
6B4DCE



**Deuteranomaly**  
954E9D

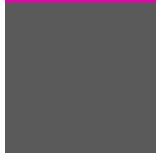


**Tritanomaly**  
D42E67

# Monochromacy



**Original Color**  
D80CA3



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
883E75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D80CA3 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 #D80CA3 looks like.

```
.text, #text, p{  
    color:#D80CA3  
}
```

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 #D80CA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D80CA3
}
```

## Border

The CSS property to change the border of an element to Hex D80CA3 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
#D80CA3 }
```

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

```
.border{ border-color:#D80CA3 }
```

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

Here you see how a box with a 4 pixel #D80CA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D80CA3; -webkit-box-shadow:4px 4px  
4px 4px #D80CA3; box-shadow:4px 4px 4px  
4px #D80CA3 }
```

# Background

The CSS property to change the background color of an element to Hex D80CA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D80CA3 }
```

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

```
.background{ background-color:#D80CA3 }
```

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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