

# Converting Colors

Hex(D3078A)

Have a look what the booklet for  
Hex(D3078A) contains.

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**Color**

**Hex(D3078A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D3078A
RGB	211, 7, 138
RGB Percent	83%, 3%, 54%
CMY	0.1725, 0.9725, 0.4588
CMYK	0.00, 0.97, 0.35, 0.17
HSL	321°, 94%, 43%
HSV	321°, 97%, 83%
XYZ	31.5274, 15.8358, 25.4397
YIQ	82.9300, 79.5330, 83.9890

# Conversions

## Conversions Part 2

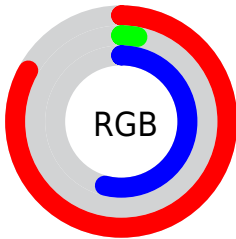
<b>Format</b>	<b>Color</b>
<b>RYB</b>	211, 7, 138
Decimal	13830026
CIELab	46.76, 75.60, -14.98
CIELCh	47, 77.074, 348.794
Yxy	15.8358, 0.4331, 0.2175
Android (android.graphics.Color)	4292020106 (0xFFD3078A)
YUV	82.9300, 27.1495, 112.3174
Hunter-Lab	39.7942, 71.7785, -10.0470

# Details

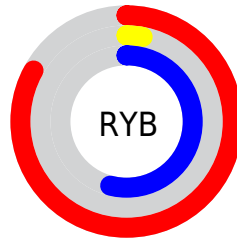
The Hex color **D3078A** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **07D350**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5CBF**, and **970058** is the 20% darker color. If you saturate the color by 10%, you get **D30087**, and if you desaturate by 10%, it is **D31C92**.

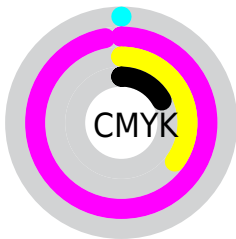
# Distribution



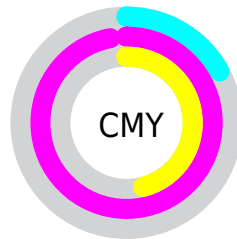
- Red (83%)
- Green (3%)
- Blue (54%)



- Red (83%)
- Yellow (3%)
- Blue (54%)



- Cyan (0%)
- Magenta (97%)
- Yellow (35%)
- Black (17%)



- Cyan (17%)
- Magenta (97%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D3078A 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 D3078A by changing the saturation by 10% instead.



 D3078A

 D3078A

FFFFFF

 B50071

 FF5CBF

 970058

 FF7BDB

 790041

 FF99F8

 5C002A

 FFB6FF

 400016

 FFD4FF

 200001

 FFF2FF

 000000

 D3078A

 D3078A

 D30087

 D31C92

 D33199

 D346A1

 D35BA8

 D371B0

 D386B7

 D39BBF

 D3B0C6

 D3C5CE

# Harmonies

## Analogous

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



A144C5



D3078A



DC064A

# Triad

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



D3078A



617800



0088D0

# Complementary

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



D3078A



07D350

# 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.



008A97



D3078A



008300

# Square

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



D3078A



9B6300



008853



007EF0

# Rectangle

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



D3078A



D0321F



008853



0089BF



# Sweetspot

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



D3078A



FFB5E5



4E07D3



805370



000000



808080



# Same Dimension

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



D3078A



FF00A4



D30726



695E65



A8006C



29001A



# Inverse Universe

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



D3078A



FF00A4



07D3B4



695E65



A8006C



29001A



# Previews

## White Background



This preview shows how the Hex color D3078A looks on a white background.

## Color Contrast Check

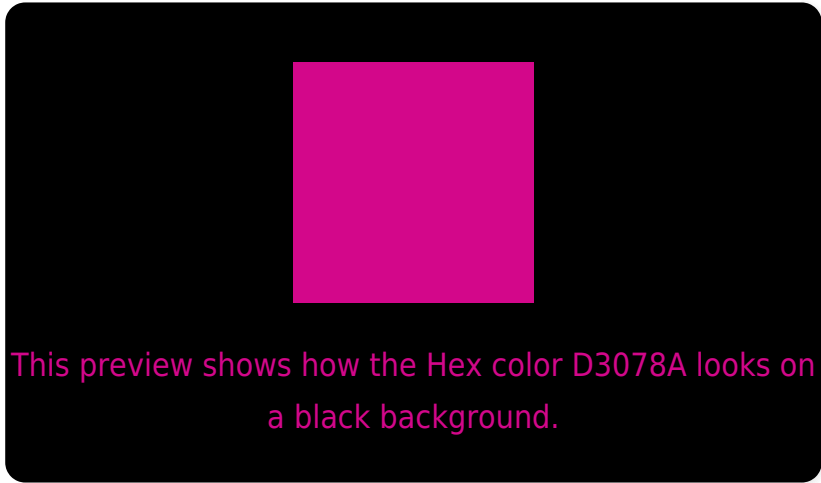
Large Text (above 18pt) WCAG AA ✓ Pass

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 D3078A Background



This preview shows how black text looks on a background with the Hex color D3078A.

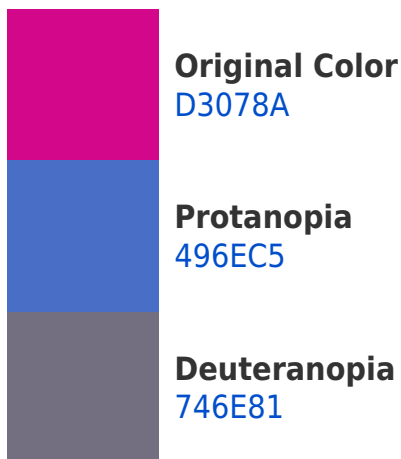


This preview shows how white text looks on a background with the Hex color D3078A.

# 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**  
D3078A



**Protanomaly**  
7B49B0



**Deuteranomaly**  
974984

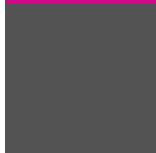


**Tritanomaly**  
D02656

# Monochromacy



**Original Color**  
D3078A



**Achromatopsia**  
535353



**Achromatomaly**  
823767

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D3078A 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 #D3078A looks like.

```
.text, #text, p{  
    color:#D3078A  
}
```

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 #D3078A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D3078A
}
```

## Border

The CSS property to change the border of an element to Hex D3078A 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
#D3078A }
```

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

```
.border{ border-color:#D3078A }
```

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

Here you see how a box with a 4 pixel #D3078A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D3078A; -webkit-box-shadow:4px 4px  
4px 4px #D3078A; box-shadow:4px 4px 4px  
4px #D3078A }
```

# Background

The CSS property to change the background color of an element to Hex D3078A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D3078A }
```

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

```
.background{ background-color:#D3078A }
```

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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