

# Converting Colors

Hex(D76A9F)

Have a look what the booklet for  
Hex(D76A9F) contains.

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# **Color**

**Hex(D76A9F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D76A9F
RGB	215, 106, 159
RGB Percent	84%, 42%, 62%
CMY	0.1569, 0.5843, 0.3765
CMYK	0.00, 0.51, 0.26, 0.16
HSL	331°, 58%, 63%
HSV	331°, 51%, 84%
XYZ	39.4364, 27.2583, 35.9837
YIQ	144.6330, 47.9510, 39.5910

# Conversions

## Conversions Part 2

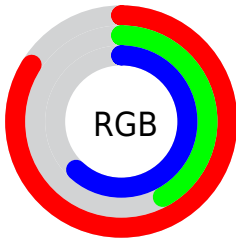
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 106, 159
Decimal	14117535
CIE Lab	59.21, 48.73, -8.60
CIE LCh	59, 49.486, 349.994
Yxy	27.2583, 0.3841, 0.2655
Android (android.graphics.Color)	4292307615 (0xFFD76A9F)
YUV	144.6330, 7.0829, 61.7119
Hunter-Lab	52.2095, 43.4630, -4.3171

# Details

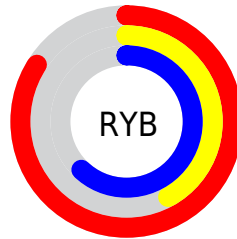
The Hex color **D76A9F** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6AD7A2**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFA0D6**, and **9D346C** is the 20% darker color. If you saturate the color by 10%, you get **D75594**, and if you desaturate by 10%, it is **D780AA**.

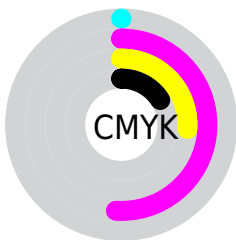
# Distribution



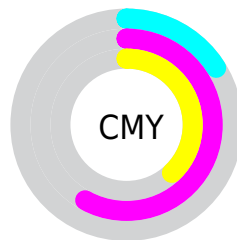
- Red (84%)
- Green (42%)
- Blue (62%)



- Red (84%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (51%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (58%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D76A9F 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 D76A9F by changing the saturation by 10% instead.



 D76A9F

 D76A9F

FFFFFF

 BA4F85

 FFA0D6

 9D346C

 FFBCF2

 811653

 FFD9FF

 66003C

 FFF6FF

 4B0027

 340012

 060000

 000000

 D76A9F

 D76A9F

 D75594

 D780AA

 D73F89

 D795B5

 D72A7E

 D7ABC0

 D71473

 D7C0CB

 D70069

 D7D6D6

 D7EBE1

 D7FFEC

 D7FFF7

 D7FFFF

# Harmonies

## Analogous

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



B677C7



D76A9F



DF6A73

# Triad

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



D76A9F



8B9538



00A0D0

# Complementary

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



D76A9F



6AD7A2

# 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.



00A4AB



D76A9F



579E54

# Square

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



D76A9F



B38736



00A37E



0098E4

# Rectangle

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



D76A9F



D87259



00A37E



00A2C5



# Sweetspot

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



D76A9F



FFD9EB



A16AD7



806974



000000



808080



# Same Dimension

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



D76A9F



FF63AF



D76A6A



6B6066



AB0053



2B0015



# Inverse Universe

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



D76A9F



FF63AF



6AD7D7



6B6066



AB0053



2B0015



# Previews

## White Background



This preview shows how the Hex color D76A9F looks on a white background.

## Color Contrast Check

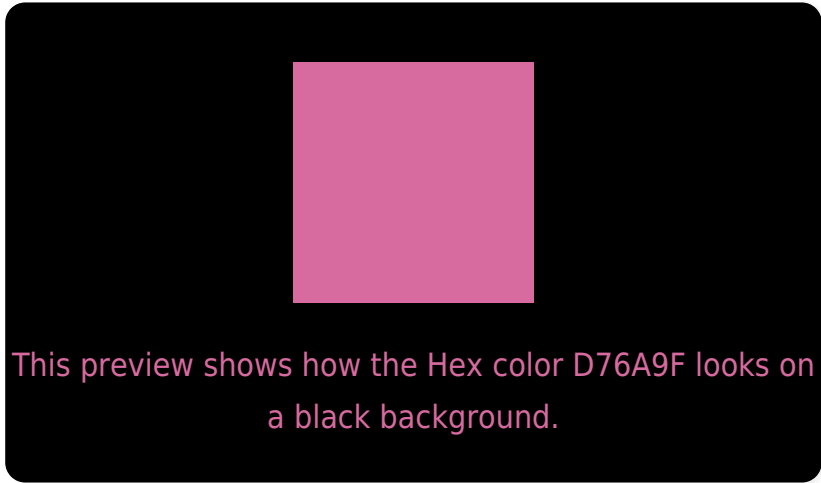
Large Text (above 18pt) WCAG AA ✓ Pass

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 D76A9F Background



This preview shows how black text looks on a background with the Hex color D76A9F.



This preview shows how white text looks on a background with the Hex color D76A9F.

# 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](#).

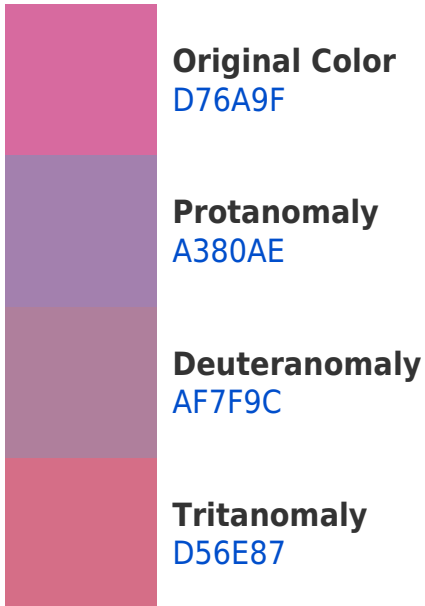
## Dichromacy



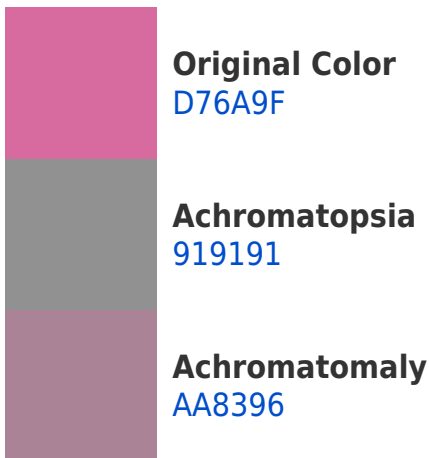


**Tritanopia**  
D4717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D76A9F 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 #D76A9F looks like.

```
.text, #text, p{  
    color:#D76A9F  
}
```

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 #D76A9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D76A9F
}
```

## Border

The CSS property to change the border of an element to Hex D76A9F 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
#D76A9F }
```

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

```
.border{ border-color:#D76A9F }
```

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

Here you see how a box with a 4 pixel #D76A9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D76A9F; -webkit-box-shadow:4px 4px  
4px 4px #D76A9F; box-shadow:4px 4px 4px  
4px #D76A9F }
```

# Background

The CSS property to change the background color of an element to Hex D76A9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D76A9F }
```

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

```
.background{ background-color:#D76A9F }
```

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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