

# Converting Colors

Hex(D0778D)

Have a look what the booklet for  
Hex(D0778D) contains.

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# **Color**

**Hex(D0778D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0778D
RGB	208, 119, 141
RGB Percent	82%, 47%, 55%
CMY	0.1843, 0.5333, 0.4471
CMYK	0.00, 0.43, 0.32, 0.18
HSL	345°, 49%, 64%
HSV	345°, 43%, 82%
XYZ	37.4170, 28.5266, 28.7334
YIQ	148.1190, 45.9820, 25.7100

# Conversions

## Conversions Part 2

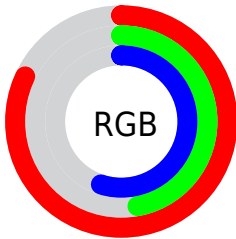
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 119, 141
Decimal	13662093
CIE Lab	60.36, 37.30, 3.37
CIE LCh	60, 37.456, 5.168
Yxy	28.5266, 0.3952, 0.3013
Android (android.graphics.Color)	4291852173 (0xFFD0778D)
YUV	148.1190, -3.5097, 52.5156
Hunter-Lab	53.4103, 31.5813, 5.4907

# Details

The Hex color **D0778D** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77D0BA**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FFADC3**, and **97445B** is the 20% darker color. If you saturate the color by 10%, you get **D0627D**, and if you desaturate by 10%, it is **D08C9D**.

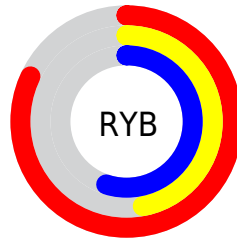
# Distribution



Red (82%)

Green (47%)

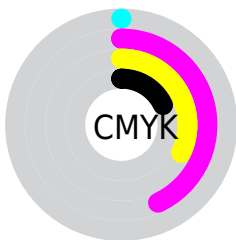
Blue (55%)



Red (82%)

Yellow (47%)

Blue (55%)

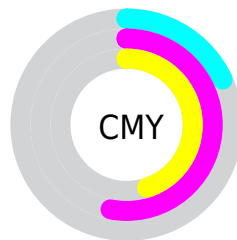


Cyan (0%)

Magenta (43%)

Yellow (32%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0778D 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 D0778D by changing the saturation by 10% instead.



 D0778D

 D0778D

FFFFFF

 B35D74

 FFADC3

 97445B

 FFC9DE

 7C2B44

 FFE5FB

 61102E

 460019

 310001

 000000

 D0778D

 D0778D

 D0627D

 D08C9D

 D04D6E

 D0A1AC

 D0395E

 D0B5BC

 D0244E

 D0CACC

 D00F3F

 D0DFDB

 D00033

 D0F4EB

 D0FFFB

 D0FFFF

# Harmonies

## Analogous

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



C07CAE



D0778D



CE7B6D

# Triad

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



D0778D



7E9B5A



1C9CCD

# Complementary

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



D0778D



77D0BA

# 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.



00A2B7



D0778D



54A175

# Square

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



D0778D



A1914F



14A396



6993D3

# Rectangle

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



D0778D



C4825C



14A396



009FC7



# Sweetspot

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



D0778D



FFDEE6



BA77D0



806B70



000000



808080



# Same Dimension

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



D0778D



FF7D9D



D08D77



695E61



A8002A



29000A



# Inverse Universe

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



D0778D



FF7D9D



77BAD0



695E61



A8002A

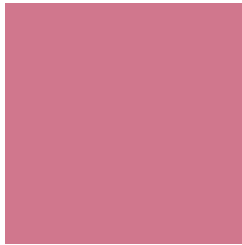


29000A



# Previews

## White Background



This preview shows how the Hex color D0778D looks on a white background.

## Color Contrast Check

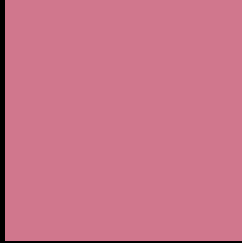
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D0778D looks on a 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 D0778D Background



This preview shows how black text looks on a background with the Hex color D0778D.



This preview shows how white text looks on a background with the Hex color D0778D.

# 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**  
CF7982

# Trichromacy



**Original Color**  
D0778D



**Protanomaly**  
A98897



**Deuteranomaly**  
B3858A

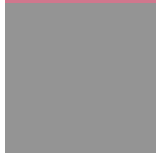


**Tritanomaly**  
CF7886

# Monochromacy



**Original Color**  
D0778D



**Achromatopsia**  
949494



**Achromatomaly**  
AA8991

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0778D 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 #D0778D looks like.

```
.text, #text, p{  
    color:#D0778D  
}
```

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 #D0778D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0778D
}
```

## Border

The CSS property to change the border of an element to Hex D0778D is called "border". The border property can be set on classes, ids or directly on the HTML element.

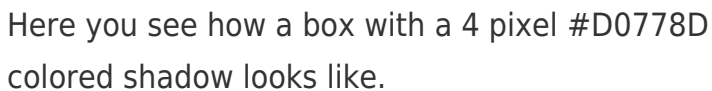
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0778D }
```

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

```
.border{ border-color:#D0778D }
```

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



Here you see how a box with a 4 pixel #D0778D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0778D; -webkit-box-shadow:4px 4px  
4px 4px #D0778D; box-shadow:4px 4px 4px  
4px #D0778D }
```

# Background

The CSS property to change the background color of an element to Hex D0778D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0778D }
```

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

```
.background{ background-color:#D0778D }
```

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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