

# Converting Colors

Hex(D776A6)

Have a look what the booklet for  
Hex(D776A6) contains.

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**Color**

**Hex(D776A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D776A6
RGB	215, 118, 166
RGB Percent	84%, 46%, 65%
CMY	0.1569, 0.5373, 0.3490
CMYK	0.00, 0.45, 0.23, 0.16
HSL	330°, 55%, 65%
HSV	330°, 45%, 84%
XYZ	41.3857, 30.1571, 39.7160
YIQ	152.4750, 42.4040, 35.4920

# Conversions

## Conversions Part 2

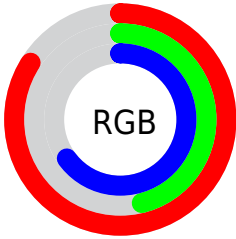
Format	Color
R <sub>Y</sub> B	215, 118, 166
Decimal	14120614
CIE Lab	61.79, 43.67, -8.78
CIE LCh	62, 44.546, 348.633
Yxy	30.1571, 0.3720, 0.2711
Android (android.graphics.Color)	4292310694 (0xFFD776A6)
YUV	152.4750, 6.6678, 54.8344
Hunter-Lab	54.9155, 38.4200, -4.4389

# Details

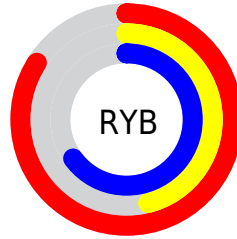
The Hex color **D776A6** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **76D7A7**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FFACDD**, and **9E4272** is the 20% darker color. If you saturate the color by 10%, you get **D7619B**, and if you desaturate by 10%, it is **D78CB1**.

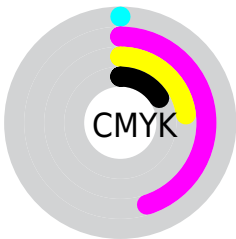
# Distribution



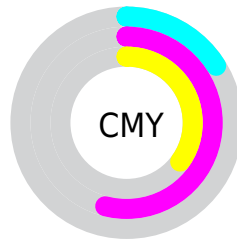
- Red (84%)
- Green (46%)
- Blue (65%)



- Red (84%)
- Yellow (46%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (54%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D776A6 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 D776A6 by changing the saturation by 10% instead.



 D776A6

 D776A6

FFFFFF

 BA5C8C

 FFACDD

 9E4272

 FFC8FA

 82285A

 FFE5FF

 670742

 4D002C

 350018

 130000

 000000

 D776A6

 D776A6

 D7619B

 D78CB1

 D74B90

 D7A1BC

 D73585

 D7B7C7

 D7207B

 D7CCD1

 D70B70

 D7E2DC

 D7006A

 D7F7E7

 D7FFF2

 D7FFFD

 D7FFFF

# Harmonies

## Analogous

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



B781CA



D776A6



E0757E

# Triad

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



D776A6



959B48



00A6CF

# Complementary

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



D776A6



76D7A7

# 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.



00A9AD



D776A6



67A45F

# Square

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



D776A6



BA8E47



1FA884



1E9EE2

# Rectangle

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



D776A6



DA7B66



1FA884



00A8C5



# Sweetspot

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



D776A6



FFDBED



A776D7



806A75



000000



808080



# Same Dimension

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



D776A6



FF75B9



D77676



6B6066



AB0055



2B0015



# Inverse Universe

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



D776A6



FF75B9



76D7D7



6B6066



AB0055



2B0015



# Previews

## White Background



This preview shows how the Hex color D776A6 looks on a white background.

## Color Contrast Check

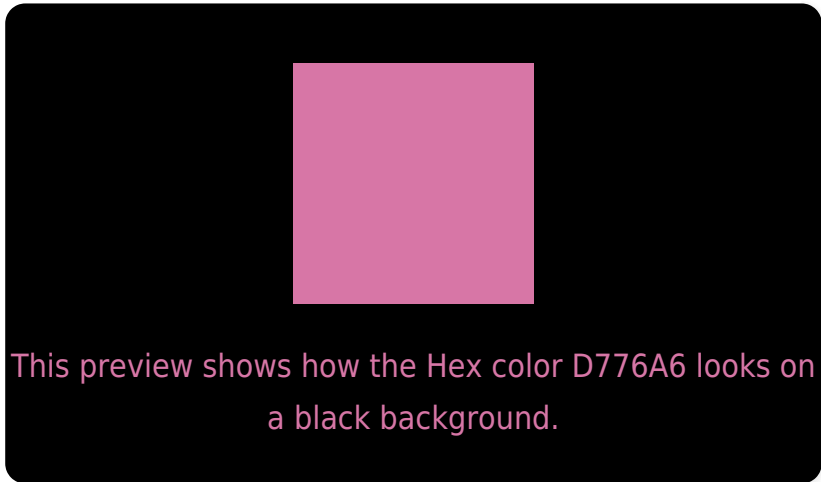
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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



## Hex D776A6 Background



This preview shows how black text looks on a background with the Hex color D776A6.



This preview shows how white text looks on a background with the Hex color D776A6.

# 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



**Original Color**  
D776A6

**Protanopia**  
8D94BA

**Deuteranopia**  
9F91A1



**Tritanopia**  
D47C85

# Trichromacy



**Original Color**  
D776A6



**Protanomaly**  
A889B3



**Deuteranomaly**  
B387A3

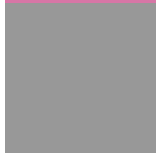


**Tritanomaly**  
D57A91

# Monochromacy



**Original Color**  
D776A6



**Achromatopsia**  
989898



**Achromatomaly**  
AF8C9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D776A6 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 #D776A6 looks like.

```
.text, #text, p{  
    color:#D776A6  
}
```

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 #D776A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D776A6
}
```

## Border

The CSS property to change the border of an element to Hex D776A6 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
#D776A6 }
```

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

```
.border{ border-color:#D776A6 }
```

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

Here you see how a box with a 4 pixel #D776A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D776A6; -webkit-box-shadow:4px 4px  
4px 4px #D776A6; box-shadow:4px 4px 4px  
4px #D776A6 }
```

# Background

The CSS property to change the background color of an element to Hex D776A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D776A6 }
```

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

```
.background{ background-color:#D776A6 }
```

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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