

# Converting Colors

Hex(D4677B)

Have a look what the booklet for  
Hex(D4677B) contains.

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# Color

**Hex(D4677B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4677B
RGB	212, 103, 123
RGB Percent	83%, 40%, 48%
CMY	0.1686, 0.5961, 0.5176
CMYK	0.00, 0.51, 0.42, 0.17
HSL	349°, 56%, 62%
HSV	349°, 51%, 83%
XYZ	35.5768, 25.1276, 21.7139
YIQ	137.8710, 58.5440, 29.3280

# Conversions

## Conversions Part 2

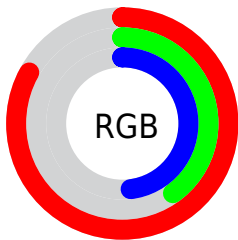
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 103, 123
Decimal	13920123
CIE <sub>Lab</sub>	57.20, 44.82, 9.36
CIE <sub>LCh</sub>	57, 45.791, 11.792
Yxy	25.1276, 0.4317, 0.3049
Android (android.graphics.Color)	4292110203 (0xFFD4677B)
YUV	137.8710, -7.3314, 65.0111
Hunter-Lab	50.1274, 38.9632, 9.4063

# Details

The Hex color **D4677B** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **67D4C0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF9DAF**, and **9A324B** is the 20% darker color. If you saturate the color by 10%, you get **D4526A**, and if you desaturate by 10%, it is **D47C8C**.

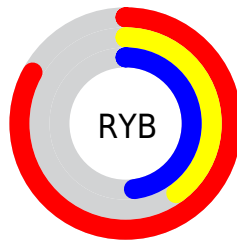
# Distribution



Red (83%)

Green (40%)

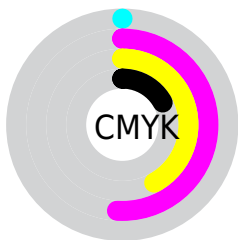
Blue (48%)



Red (83%)

Yellow (40%)

Blue (48%)

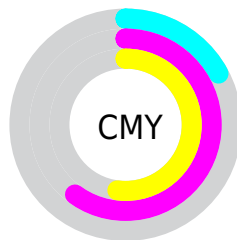


Cyan (0%)

Magenta (51%)

Yellow (42%)

Black (17%)



Cyan (17%)

Magenta (60%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D4677B 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 D4677B by changing the saturation by 10% instead.



 D4677B

 D4677B

FFFFFF

 B74D62

 FF9DAF

 9A324B

 FFB9CB

 7D1534

 FFD5E7

 61001F

 FFF2FF

 460006

 2D0001

 000000

 D4677B

 D4677B

 D4526A

 D47C8C

 D43D58

 D4919E

 D42747

 D4A7AF

 D41236

 D4BCC0

 D40027

 D4D1D2

 D4E6E3

 D4FBF4

 D4FFFF

# Harmonies

## Analogous

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



C66BA3



D4677B



CD7056

# Triad

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



D4677B



65964B



0094D5

# Complementary

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



D4677B



67D4C0

# 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.



009BBE



D4677B



209C6F

# Square

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



D4677B



918C37



009D98



6188D7

# Rectangle

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



D4677B



BE7943



009D98



0097CF



# Sweetspot

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



D4677B



FFD9E0



BE67D4



80696D



000000



808080



# Same Dimension

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



D4677B



FF617E



D48867



6B6062



AB001F



2B0008



# Inverse Universe

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



D4677B



FF617E



67B3D4



6B6062



AB001F



2B0008



# Previews

## White Background



This preview shows how the Hex color D4677B looks on a white background.

## Color Contrast Check

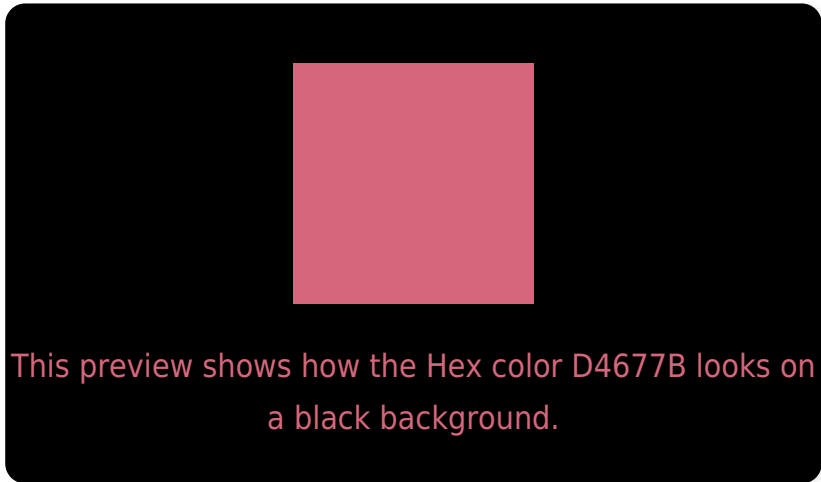
Large Text (above 18pt) WCAG AA ✓ Pass

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 D4677B Background



This preview shows how black text looks on a background with the Hex color D4677B.

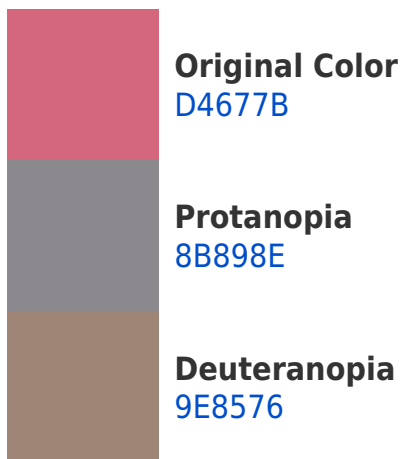


This preview shows how white text looks on a background with the Hex color D4677B.

# 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](#).

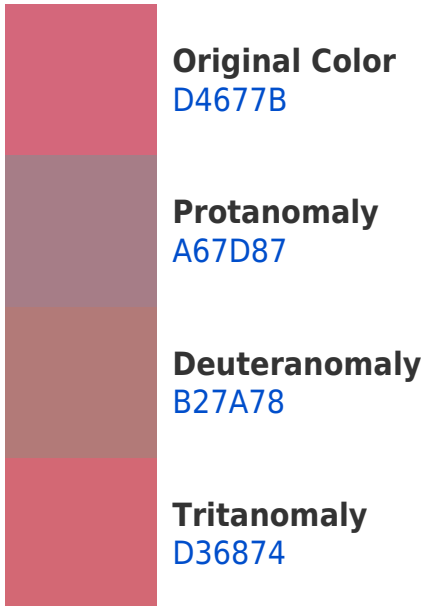
## Dichromacy



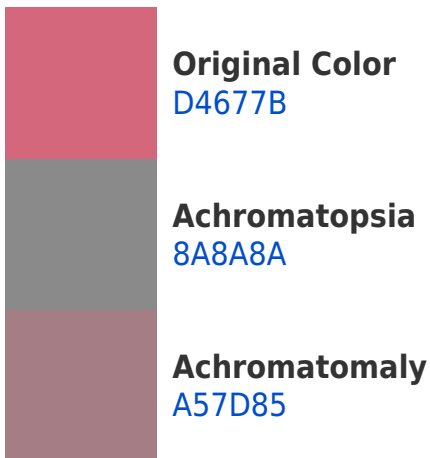


**Tritanopia**  
D36970

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D4677B 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 #D4677B looks like.

```
.text, #text, p{  
    color:#D4677B  
}
```

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 #D4677B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D4677B
}
```

## Border

The CSS property to change the border of an element to Hex D4677B is called "border". The border property can be set on classes, ids or directly on the HTML element.

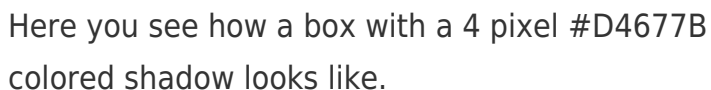
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D4677B }
```

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

```
.border{ border-color:#D4677B }
```

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



Here you see how a box with a 4 pixel `#D4677B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D4677B; -webkit-box-shadow:4px 4px  
4px 4px #D4677B; box-shadow:4px 4px 4px  
4px #D4677B }
```

# Background

The CSS property to change the background color of an element to Hex D4677B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D4677B }
```

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

```
.background{ background-color:#D4677B }
```

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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