

# Converting Colors

Hex(D677B3)

Have a look what the booklet for  
Hex(D677B3) contains.

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# **Color**

**Hex(D677B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D677B3
RGB	214, 119, 179
RGB Percent	84%, 47%, 70%
CMY	0.1608, 0.5333, 0.2980
CMYK	0.00, 0.44, 0.16, 0.16
HSL	322°, 54%, 65%
HSV	322°, 44%, 84%
XYZ	42.4651, 30.7445, 46.3439
YIQ	154.2450, 37.3600, 38.8000

# Conversions

## Conversions Part 2

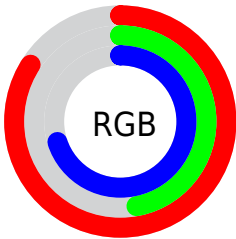
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 119, 179
Decimal	14055347
CIE <sub>Lab</sub>	62.29, 44.78, -15.46
CIE <sub>LCh</sub>	62, 47.369, 340.953
Yxy	30.7445, 0.3552, 0.2572
Android (android.graphics.Color)	4292245427 (0xFFD677B3)
YUV	154.2450, 12.2042, 52.4051
Hunter-Lab	55.4477, 39.6722, -10.7420

# Details

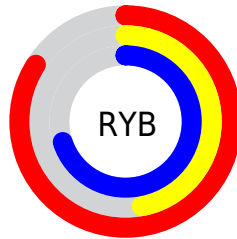
The Hex color **D677B3** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77D69A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FFADEF**, and **9D437E** is the 20% darker color. If you saturate the color by 10%, you get **D662AB**, and if you desaturate by 10%, it is **D68CBB**.

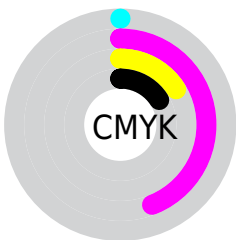
# Distribution



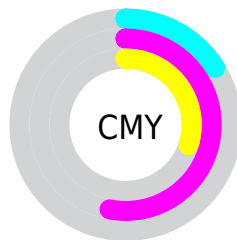
- Red (84%)
- Green (47%)
- Blue (70%)



- Red (84%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (44%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (53%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D677B3 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 D677B3 by changing the saturation by 10% instead.



 D677B3

 D677B3

FFFFFF

 B95D98

 FFADEB

 9D437E

 FFC9FF

 822865

 FFE6FF

 67084D

 4D0036

 350021

 170006

 000000

 D677B3

 D677B3

 D662AB

 D68CBB

 D64CA3

 D6A2C3

 D6379B

 D6B7CB

 D62193

 D6CDD3

 D60C8C

 D6E2DA

 D60087

 D6F7E2

 D6FFEA

 D6FFF2

 D6FFFA

# Harmonies

## Analogous

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



AE85D6



D677B3



E57389

# Triad

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



D677B3



A09940



00AACD

# Complementary

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



D677B3



77D69A

# 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.



00ACA5



D677B3



73A455

# Square

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



D677B3



C58B46



30AA7A



00A2E5

# Rectangle

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



D677B3



E3786E



30AA7A



00ABC1



# Sweetspot

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



D677B3



FFDEF3



9A77D6



806B78



000000



808080



# Same Dimension

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



D677B3



FF78CD



D67784



6B6067



AB006C



2B001B



# Inverse Universe

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



D677B3



FF78CD



77D6C9



6B6067



AB006C



2B001B



# Previews

## White Background



This preview shows how the Hex color D677B3 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 D677B3 Background



This preview shows how black text looks on a background with the Hex color D677B3.

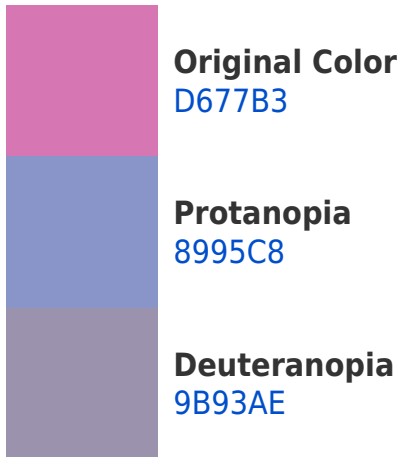


This preview shows how white text looks on a background with the Hex color D677B3.

# 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**  
D17F89

# Trichromacy



**Original Color**  
D677B3



**Protanomaly**  
A58AC0



**Deuteranomaly**  
B089B0

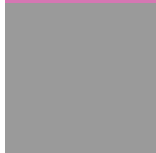


**Tritanomaly**  
D37C98

# Monochromacy



**Original Color**  
D677B3



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
B08DA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D677B3 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 #D677B3 looks like.

```
.text, #text, p{  
    color:#D677B3  
}
```

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 #D677B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D677B3
}
```

## Border

The CSS property to change the border of an element to Hex D677B3 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
#D677B3 }
```

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

```
.border{ border-color:#D677B3 }
```

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

Here you see how a box with a 4 pixel #D677B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D677B3; -webkit-box-shadow:4px 4px  
4px 4px #D677B3; box-shadow:4px 4px 4px  
4px #D677B3 }
```

# Background

The CSS property to change the background color of an element to Hex D677B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D677B3 }
```

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

```
.background{ background-color:#D677B3 }
```

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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