

Converting Colors

Hex(D77FCB)

Have a look what the booklet for
Hex(D77FCB) contains.

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Color

Hex(D77FCB)

Conversions

Conversions Part 1

Format	Color
Hex	D77FCB
RGB	215, 127, 203
RGB Percent	84%, 50%, 80%
CMY	0.1569, 0.5020, 0.2039
CMYK	0.00, 0.41, 0.06, 0.16
HSL	308°, 52%, 67%
HSV	308°, 41%, 84%
XYZ	46.3932, 33.9376, 60.6053
YIQ	161.9760, 28.0520, 42.2920

Conversions

Conversions Part 2

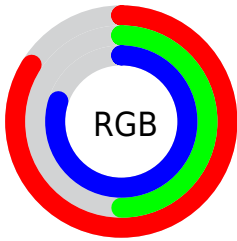
Format	Color
R _Y B	215, 127, 203
Decimal	14122955
CIE _{Lab}	64.91, 44.92, -25.01
CIE _{LCh}	65, 51.411, 330.887
Yxy	33.9376, 0.3292, 0.2408
Android (android.graphics.Color)	4292313035 (0xFFD77FCB)
YUV	161.9760, 20.2248, 46.5020
Hunter-Lab	58.2560, 40.2036, -20.9018

Details

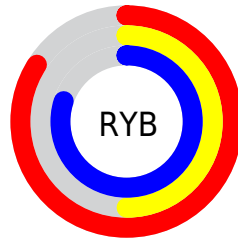
The Hex color **D77FCB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7FD78B**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFB6FF**, and **9F4B95** is the 20% darker color. If you saturate the color by 10%, you get **D76AC8**, and if you desaturate by 10%, it is **D795CE**.

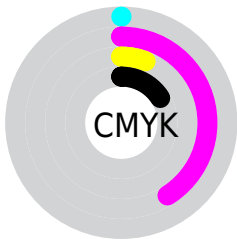
Distribution



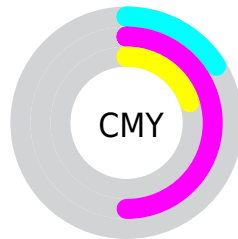
- Red (84%)
- Green (50%)
- Blue (80%)



- Red (84%)
- Yellow (50%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (50%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color D77FCB 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 D77FCB by changing the saturation by 10% instead.

 D77FCB

 D77FCB

FFFFFF

 BA65AF

 FFB6FF

 9F4B95

 FFD2FF

 83317B

 FFEFFF

 691562

 4F004A

 360033

 1D001D

 000000

 D77FCB

 D77FCB

 D76AC8

 D795CE

 D754C5

 D7AAD1

 D73EC2

 D7C0D4

 D729BF

 D7D5D7

 D714BC

 D7EBDA

 D700BA

 D7FFDD

 D7FFE0

 D7FFE2

 D7FFE5

Harmonies

Analogous

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



A291ED



D77FCB



F1769E

Triad

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



D77FCB



B69B3D



00B4CB

Complementary

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



D77FCB



7FD78B

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.



00B49D



D77FCB



88A94B

Square

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



D77FCB



DB8B4D



4AB16F



00AEED

Rectangle

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



D77FCB



F3787F



4AB16F



00B4BD

Sweetspot

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



D77FCB



FFE0FB



8B7FD7



806E7D



000000



808080

Same Dimension

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



D77FCB



FF82EE



D77F9F



6B606A



AB0094



2B0025

Inverse Universe

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



D77FCB



FF82EE



7FD7B7



6B606A



AB0094



2B0025

Previews

White Background



This preview shows how the Hex color D77FCB looks on a white background.

Color Contrast Check

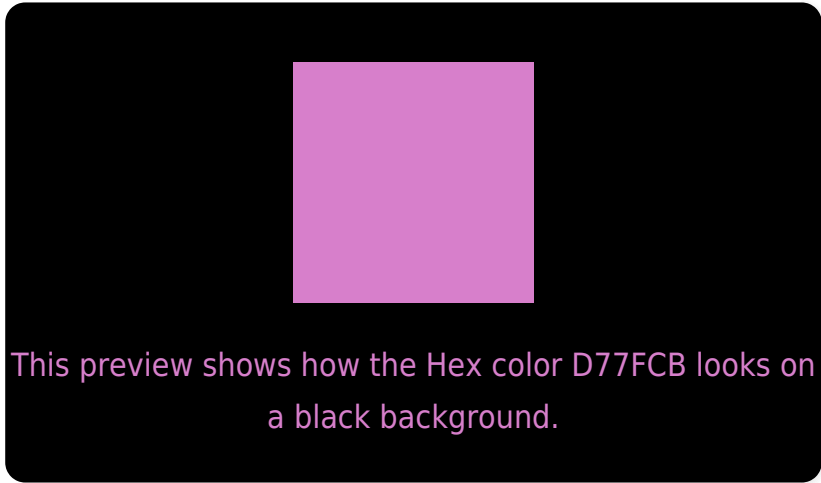
Large Text (above 18pt) WCAG AA × Fail

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

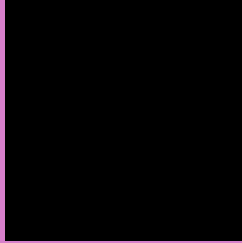
Any Text WCAG AA ✓ Pass

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 D77FCB Background



This preview shows how black text looks on a background with the Hex color D77FCB.

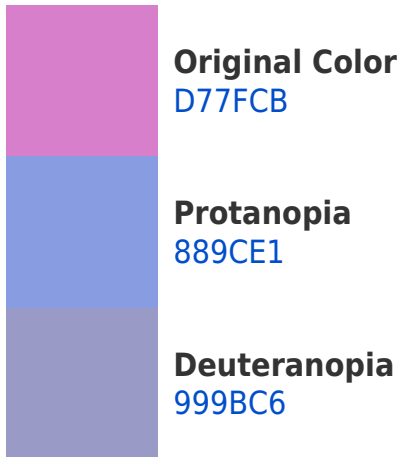



This preview shows how white text looks on a background with the Hex color D77FCB.

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
D08A95

Trichromacy



Original Color
D77FCB



Protanomaly
A591D9



Deuteranomaly
B091C8

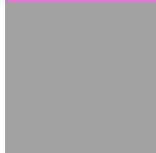


Tritanomaly
D386A9

Monochromacy



Original Color
D77FCB



Achromatopsia
A2A2A2



Achromatomaly
B595B1

CSS Examples

Text

The CSS property to change the color of the text to Hex D77FCB 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 #D77FCB looks like.

```
.text, #text, p{  
    color:#D77FCB  
}
```

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 #D77FCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77FCB
}
```

Border

The CSS property to change the border of an element to Hex D77FCB 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
#D77FCB }
```

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

```
.border{ border-color:#D77FCB }
```

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

Here you see how a box with a 4 pixel #D77FCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77FCB; -webkit-box-shadow:4px 4px  
4px 4px #D77FCB; box-shadow:4px 4px 4px  
4px #D77FCB }
```

Background

The CSS property to change the background color of an element to Hex D77FCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77FCB }
```

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

```
.background{ background-color:#D77FCB }
```

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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