

# Converting Colors

Hex(D77AF2)

Have a look what the booklet for  
Hex(D77AF2) contains.

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# Color

Hex(D77AF2)

# Conversions

## Conversions Part 1

Format	Color
Hex	D77AF2
RGB	215, 122, 242
RGB Percent	84%, 48%, 95%
CMY	0.1569, 0.5216, 0.0510
CMYK	0.11, 0.50, 0.00, 0.05
HSL	286°, 82%, 71%
HSV	286°, 50%, 95%
XYZ	51.0109, 34.7769, 88.0285
YIQ	163.4870, 16.9080, 57.0360

# Conversions

## Conversions Part 2

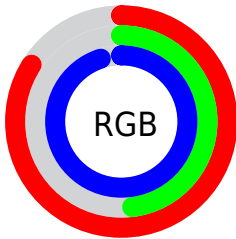
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 122, 242
Decimal	14121714
CIE Lab	65.57, 54.71, -45.67
CIE LCh	66, 71.270, 320.148
Yxy	34.7769, 0.2935, 0.2001
Android (android.graphics.Color)	4292311794 (0xFFD77AF2)
YUV	163.4870, 38.7069, 45.1769
Hunter-Lab	58.9720, 51.2019, -47.2228

# Details

The Hex color **D77AF2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **95F27A**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFB1FF**, and **9E44B9** is the 20% darker color. If you saturate the color by 10%, you get **D262F2**, and if you desaturate by 10%, it is **DC92F2**.

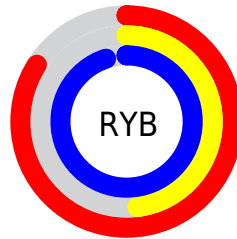
# Distribution



Red (84%)

Green (48%)

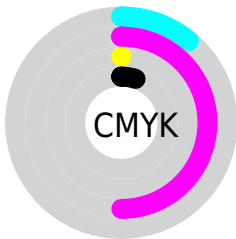
Blue (95%)



Red (84%)

Yellow (48%)

Blue (95%)

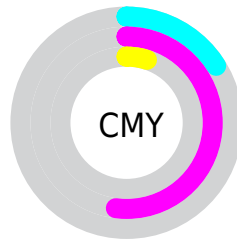


Cyan (11%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (16%)

Magenta (52%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D77AF2 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 D77AF2 by changing the saturation by 10% instead.



 D77AF2

 D77AF2

FFFFFF

 BA5FD5

 FFB1FF

 9E44B9

 FFCDFE

 82299E

 FFEAFF

 670483

 4C006A

 320051

 180039

 000222

 000009

 D77AF2

 D77AF2

 D262F2

 DC92F2

 CC4AF2

 E2AAF2

 C731F2

 E7C3F2

 C119F2

 EDDBF2

 BC01F2

 F2F3F2

 BC00F2

 F8FFF2

 FDFFF2

 FFFFF2

# Harmonies

## Analogous

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



7397FF



D77AF2



FF61B7

# Triad

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



D77AF2



D09500



00BDCA

# Complementary

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



D77AF2



95F27A

# 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.



00BC87



D77AF2



95A905

# Square

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



D77AF2



FB7A3D



41B547



00B9FF

# Rectangle

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



D77AF2



FF5E8C



41B547



00BDB4



# Sweetspot

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



D77AF2



F6D9FF



7A96F2



7A6980



000000



808080



# Same Dimension

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



D77AF2



DD66FF



F27AD2



756C78



8E00B8



2B0038



# Inverse Universe

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



F27A95



FF6688



7AF29A



786C6F



B80029

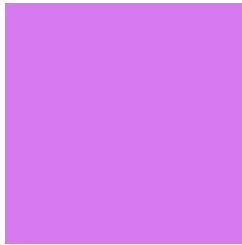


38000D



# Previews

## White Background



This preview shows how the Hex color D77AF2 looks on a white background.

## Color Contrast Check

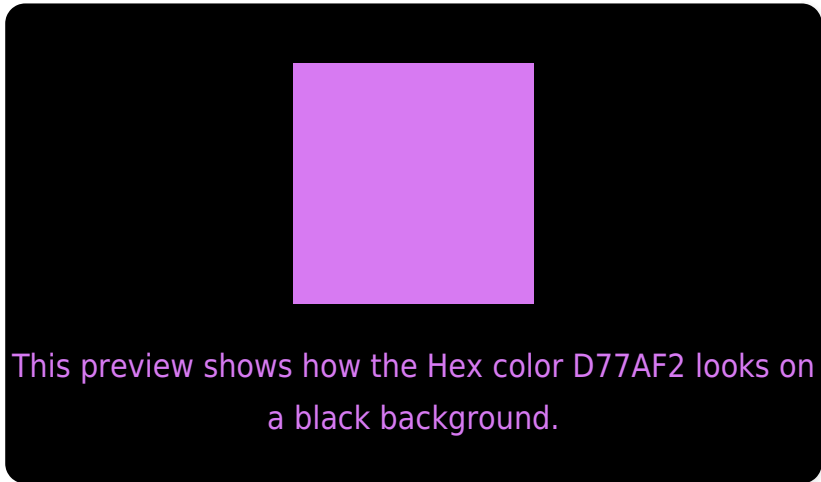
Large Text (above 18pt) WCAG AA × Fail

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 D77AF2 Background



This preview shows how black text looks on a background with the Hex color D77AF2.

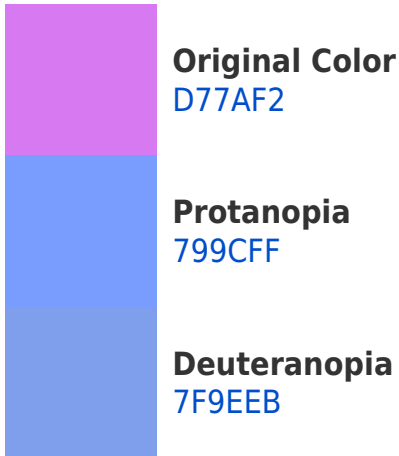


This preview shows how white text looks on a background with the Hex color D77AF2.

# 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**  
CA8F9A

# Trichromacy



**Original Color**  
D77AF2



**Protanomaly**  
9B90FA



**Deuteranomaly**  
9F91EE



**Tritanomaly**  
CF87BA

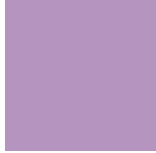
# Monochromacy



**Original Color**  
D77AF2



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
B694C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D77AF2 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 #D77AF2 looks like.

```
.text, #text, p{  
    color:#D77AF2  
}
```

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 #D77AF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D77AF2
}
```

## Border

The CSS property to change the border of an element to Hex D77AF2 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
#D77AF2 }
```

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

```
.border{ border-color:#D77AF2 }
```

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

Here you see how a box with a 4 pixel #D77AF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D77AF2; -webkit-box-shadow:4px 4px  
4px 4px #D77AF2; box-shadow:4px 4px 4px  
4px #D77AF2 }
```

# Background

The CSS property to change the background color of an element to Hex D77AF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D77AF2 }
```

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

```
.background{ background-color:#D77AF2 }
```

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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