

# Converting Colors

Hex(D076FF)

Have a look what the booklet for  
Hex(D076FF) contains.

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# Color

**Hex(D076FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D076FF
RGB	208, 118, 255
RGB Percent	82%, 46%, 100%
CMY	0.1843, 0.5373, 0.0000
CMYK	0.18, 0.54, 0.00, 0.00
HSL	279°, 100%, 73%
HSV	279°, 54%, 100%
XYZ	50.5409, 33.5868, 98.4268
YIQ	160.5280, 9.6630, 61.6870

# Conversions

## Conversions Part 2

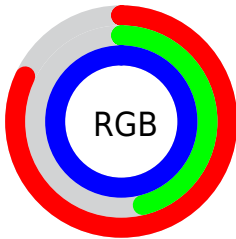
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	208, 118, 255
Decimal	13661951
CIE Lab	64.63, 57.52, -54.36
CIE LCh	65, 79.142, 316.619
Yxy	33.5868, 0.2769, 0.1840
Android (android.graphics.Color)	4291852031 (0xFFD076FF)
YUV	160.5280, 46.5747, 41.6329
Hunter-Lab	57.9541, 54.2474, -60.1278

# Details

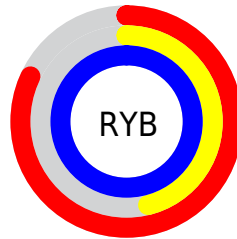
The Hex color **D076FF** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **A5FF76**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFADFF**, and **9640C6** is the 20% darker color. If you saturate the color by 10%, you get **C75DFF**, and if you desaturate by 10%, it is **D990FF**.

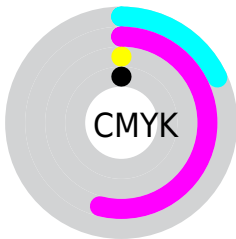
# Distribution



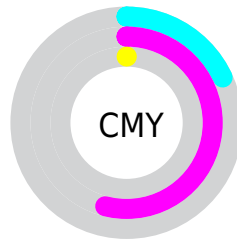
- Red (82%)
- Green (46%)
- Blue (100%)



- Red (82%)
- Yellow (46%)
- Blue (100%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (54%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D076FF 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 D076FF by changing the saturation by 10% instead.



 D076FF

 D076FF

FFFFFF

 B35BE2

 FFADFF

 9640C6

 FFC9FF

 7A24AA

 FFE6FF

 5F008F

 430074

 27005B

 040043

 00032B

 000116

 D076FF

 D076FF

 C75DFF

 D990FF

 BF43FF

 E1A9FF

 B62AFF

 EAC3FF

 AD10FF

 F3DCFF

 A800FF

 FCF6FF

FFFFFF

# Harmonies

## Analogous

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



4698FF



D076FF



FF54C0

# Triad

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



D076FF



D68E00



00BDC3

# Complementary

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



D076FF



A5FF76

# 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.



00BB79



D076FF



98A500

# Square

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



D076FF



FF6E36



3BB430



00B9FF

# Rectangle

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



D076FF



FF4C90



3BB430



00BCAB



# Sweetspot

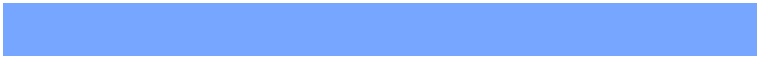
The Sweet Spot groups the original color and five complimentary colors.



D076FF



F1D6FF



76A6FF



776780



000000



808080



# Same Dimension

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



D076FF



C75CFF



FF76EA



7B7380



7E00BF



2A0040



# Inverse Universe

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



FF76A5



FF5C94



76FF8B



807377



BF0042

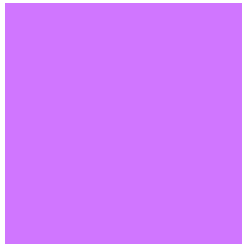


400016



# Previews

## White Background



This preview shows how the Hex color D076FF looks on a white background.

## Color Contrast Check

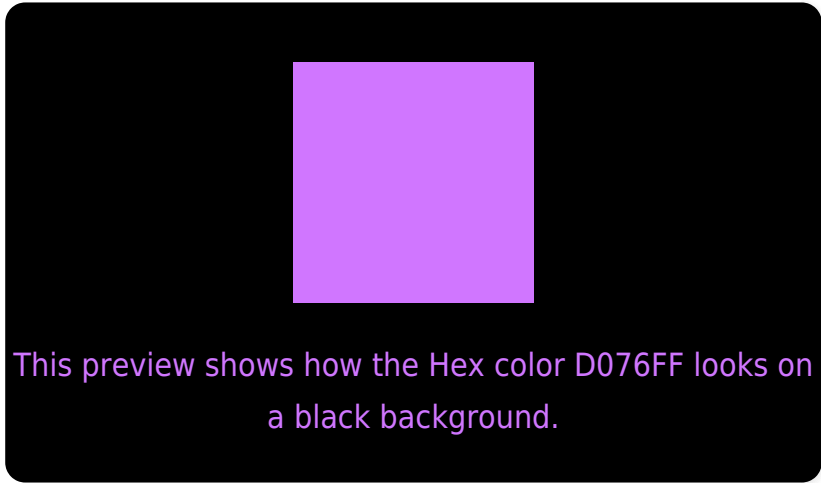
Large Text (above 18pt) WCAG AA × Fail

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

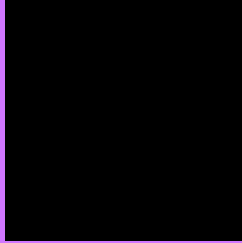
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D076FF Background



This preview shows how black text looks on a background with the Hex color D076FF.

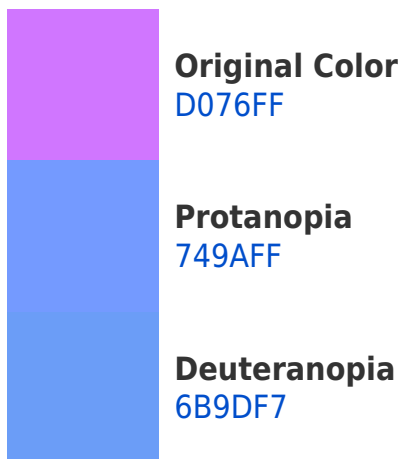


This preview shows how white text looks on a background with the Hex color D076FF.

# 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](#).

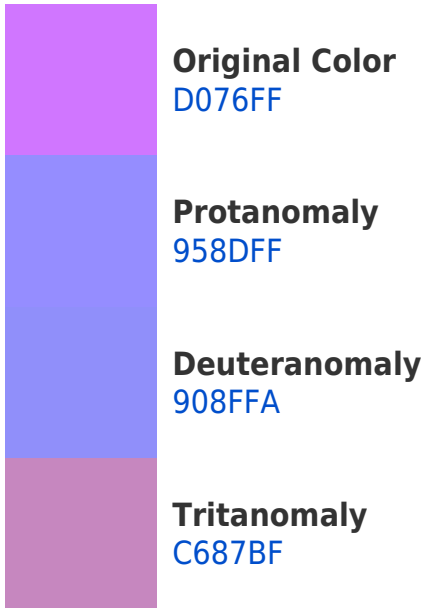
## Dichromacy



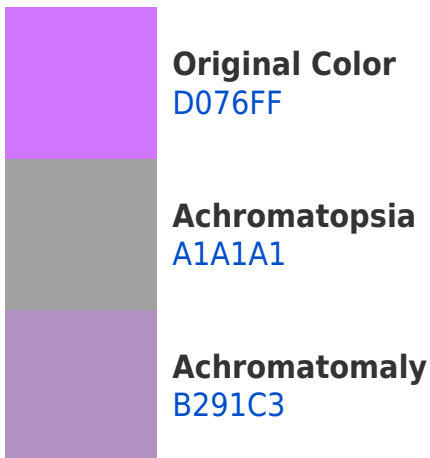


**Tritanopia**  
C0909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D076FF 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 #D076FF looks like.

```
.text, #text, p{  
  color:#D076FF  
}
```

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 #D076FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D076FF
}
```

## Border

The CSS property to change the border of an element to Hex D076FF 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
#D076FF }
```

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

```
.border{ border-color:#D076FF }
```

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

Here you see how a box with a 4 pixel #D076FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D076FF; -webkit-box-shadow:4px 4px  
4px 4px #D076FF; box-shadow:4px 4px 4px  
4px #D076FF }
```

# Background

The CSS property to change the background color of an element to Hex D076FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D076FF }
```

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

```
.background{ background-color:#D076FF }
```

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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