

# Converting Colors

Hex(D86FF8)

Have a look what the booklet for  
Hex(D86FF8) contains.

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**Color**

**Hex(D86FF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D86FF8
RGB	216, 111, 248
RGB Percent	85%, 44%, 97%
CMY	0.1529, 0.5647, 0.0275
CMYK	0.13, 0.55, 0.00, 0.03
HSL	286°, 91%, 70%
HSV	286°, 55%, 97%
XYZ	50.9466, 32.7451, 92.4422
YIQ	158.0130, 18.6030, 64.8670

# Conversions

## Conversions Part 2

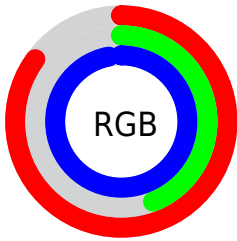
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 111, 248
Decimal	14184440
CIE Lab	63.95, 61.53, -51.53
CIE LCh	64, 80.256, 320.055
Yxy	32.7451, 0.2892, 0.1859
Android (android.graphics.Color)	4292374520 (0xFFD86FF8)
YUV	158.0130, 44.3636, 50.8546
Hunter-Lab	57.2234, 58.7798, -55.7244

# Details

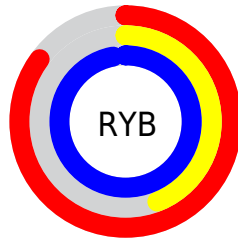
The Hex color **D86FF8** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **8FF86F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **FFA7FF**, and **9E37BF** is the 20% darker color. If you saturate the color by 10%, you get **D256F8**, and if you desaturate by 10%, it is **DE88F8**.

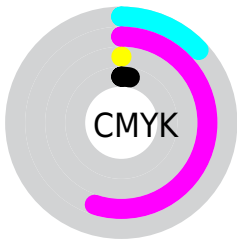
# Distribution



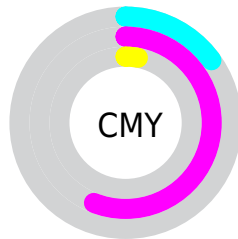
- Red (85%)
- Green (44%)
- Blue (97%)



- Red (85%)
- Yellow (44%)
- Blue (97%)



- Cyan (13%)
- Magenta (55%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (56%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D86FF8 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 D86FF8 by changing the saturation by 10% instead.



 D86FF8

FFFFFF

 FFA7FF

 FFC3FF

 FFE0FF

 FFFDFF

 D86FF8

 BB54DB

 9E37BF

 8216A3

 660089

 4B006E

 300055

 12003D

 000326

 00010F

 D86FF8

 D86FF8

 D256F8

 DE88F8

 CC3DF8

 E4A1F8

 C725F8

 E9B9F8

 C10CF8

 EFD2F8

 BE00F8

 F5EBF8

 FBFFF8

 FFFFF8

# Harmonies

## Analogous

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



5D92FF



D86FF8



FF4DB6

# Triad

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



D86FF8



CE8F00



00BBCA

# Complementary

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



D86FF8



8FF86F

# 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.



00B980



D86FF8



8DA600

# Square

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



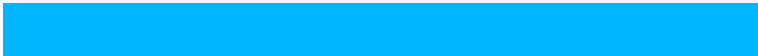
D86FF8



FF6F2A



1DB335



00B7FF

# Rectangle

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



D86FF8



FF4886



1DB335



00BBB2



# Sweetspot

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



D86FF8



F5D4FF



6F91F8



7A6680



000000



808080



# Same Dimension

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



D86FF8



D857FF



F86FD6



7A707D



9100BD



2F003D



# Inverse Universe

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



F86F8F



FF577E



6FF891



7D7073



BD002C

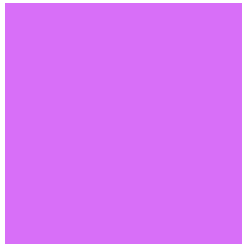


3D000E



# Previews

## White Background



This preview shows how the Hex color D86FF8 looks on a white background.

## Color Contrast Check

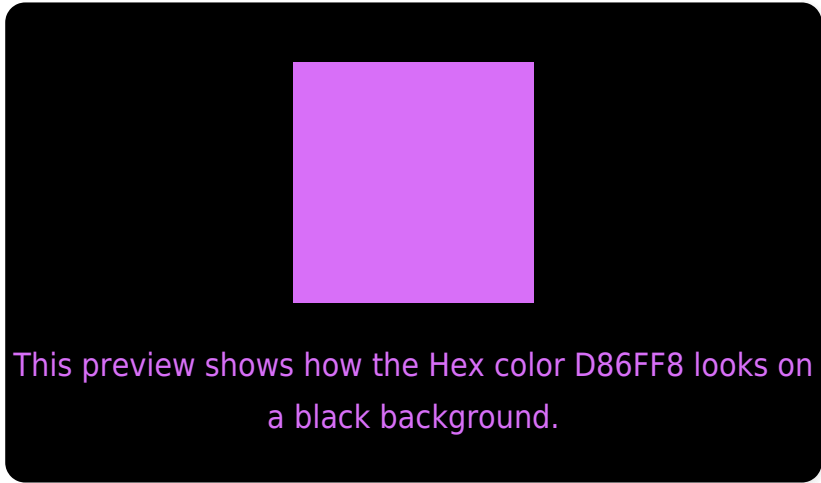
Large Text (above 18pt) WCAG AA × Fail

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

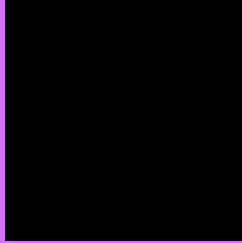
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D86FF8 Background



This preview shows how black text looks on a background with the Hex color D86FF8.



This preview shows how white text looks on a background with the Hex color D86FF8.

# Color Blindness Simulation

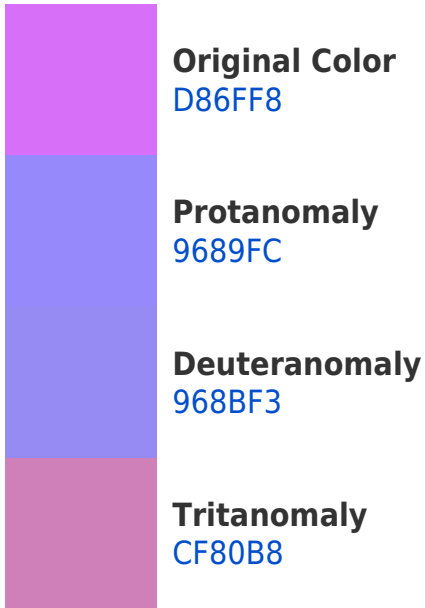
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D86FF8 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 #D86FF8 looks like.

```
.text, #text, p{  
    color:#D86FF8  
}
```

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 #D86FF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D86FF8
}
```

## Border

The CSS property to change the border of an element to Hex D86FF8 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
#D86FF8 }
```

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

```
.border{ border-color:#D86FF8 }
```

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

Here you see how a box with a 4 pixel #D86FF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D86FF8; -webkit-box-shadow:4px 4px  
4px 4px #D86FF8; box-shadow:4px 4px 4px  
4px #D86FF8 }
```

# Background

The CSS property to change the background color of an element to Hex D86FF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D86FF8 }
```

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

```
.background{ background-color:#D86FF8 }
```

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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