

# Converting Colors

Hex(D981F1)

Have a look what the booklet for  
Hex(D981F1) contains.

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# Color

**Hex(D981F1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D981F1
RGB	217, 129, 241
RGB Percent	85%, 51%, 95%
CMY	0.1490, 0.4941, 0.0549
CMYK	0.10, 0.46, 0.00, 0.05
HSL	287°, 80%, 73%
HSV	287°, 46%, 95%
XYZ	52.3427, 36.8031, 87.5640
YIQ	168.0800, 16.4960, 53.4880

# Conversions

## Conversions Part 2

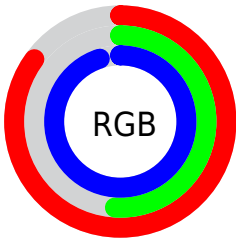
Format	Color
R <sub>Y</sub> B	217, 129, 241
Decimal	14254577
CIE <sub>Lab</sub>	67.13, 51.52, -42.66
CIE <sub>LCh</sub>	67, 66.891, 320.373
Yxy	36.8031, 0.2962, 0.2083
Android (android.graphics.Color)	4292444657 (0xFFD981F1)
YUV	168.0800, 35.9496, 42.9028
Hunter-Lab	60.6656, 47.8464, -43.1127

# Details

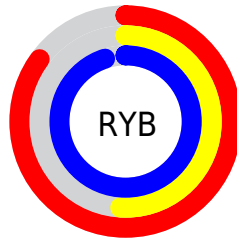
The Hex color **D981F1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **99F181**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB8FF**, and **A04CB8** is the 20% darker color. If you saturate the color by 10%, you get **D469F1**, and if you desaturate by 10%, it is **DE99F1**.

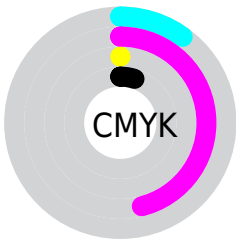
# Distribution



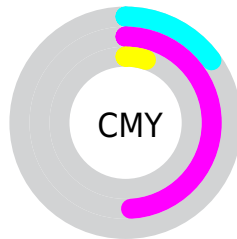
- Red (85%)
- Green (51%)
- Blue (95%)



- Red (85%)
- Yellow (51%)
- Blue (95%)



- Cyan (10%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (49%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D981F1 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 D981F1 by changing the saturation by 10% instead.



 D981F1

 D981F1

FFFFFF

 BC66D4

 FFB8FF

 A04CB8

 FFD4FF

 84319D

 FFF1FF

 691483

 4F0069

 340050

 1D0039

 000222

 000008

 D981F1

 D981F1

 D469F1

 DE99F1

 CF51F1

 E3B1F1

 CA39F1

 E8C9F1

 C421F1

 EEE1F1

 BF08F1

 F3FAF1

 BD00F1

 F8FFF1

 FDFFF1

 FFFFF1

# Harmonies

## Analogous

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



7E9CFF



D981F1



FF6CB9

# Triad

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



D981F1



D29A1E



00C0CC

# Complementary

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



D981F1



99F181

# 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.



00BF8D



D981F1



9AAD22

# Square

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



D981F1



FC8147



4EB952



00BCFF

# Rectangle

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



D981F1



FF6991



4EB952



00C0B7



# Sweetspot

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



D981F1



F7DBFF



8199F1



7B6A80



000000



808080



# Same Dimension

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



D981F1



E070FF



F181D1



756C78



9000B8



2C0038



# Inverse Universe

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



F18199



FF708F



81F1A1



786C6E



B80027

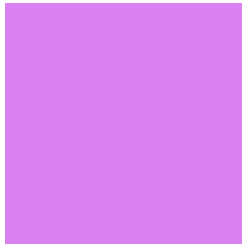


38000C



# Previews

## White Background



This preview shows how the Hex color D981F1 looks on a white background.

## Color Contrast Check

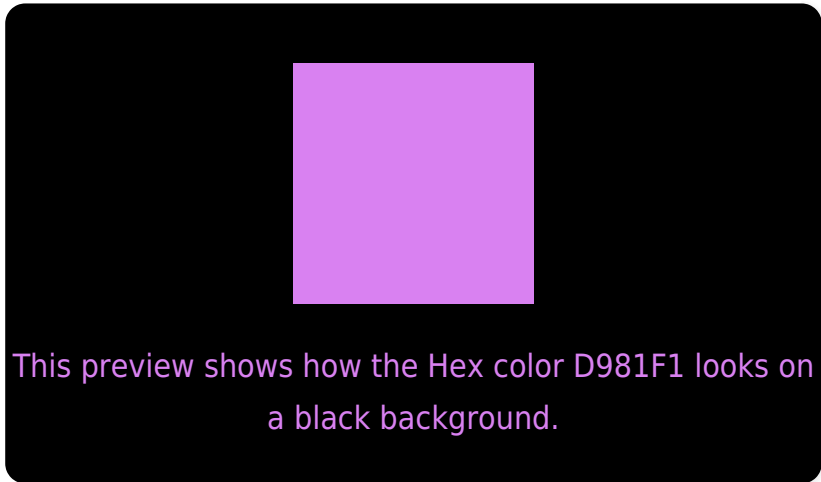
Large Text (above 18pt) WCAG AA × Fail

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 D981F1 Background



This preview shows how black text looks on a background with the Hex color D981F1.

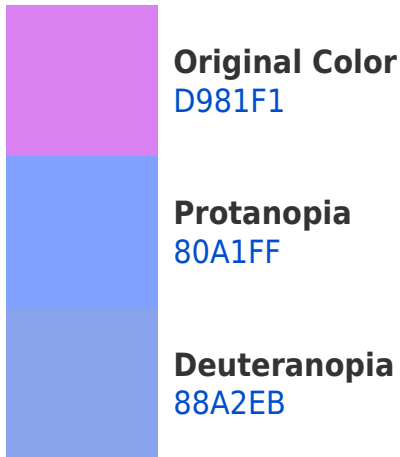



This preview shows how white text looks on a background with the Hex color D981F1.

# 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**  
CD949F

# Trichromacy



**Original Color**  
D981F1



**Protanomaly**  
A095FA



**Deuteranomaly**  
A596ED



**Tritanomaly**  
D18DBD

# Monochromacy



**Original Color**  
D981F1



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
BA9AC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D981F1 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 #D981F1 looks like.

```
.text, #text, p{  
    color:#D981F1  
}
```

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 #D981F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D981F1
}
```

## Border

The CSS property to change the border of an element to Hex D981F1 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
#D981F1 }
```

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

```
.border{ border-color:#D981F1 }
```

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

Here you see how a box with a 4 pixel #D981F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D981F1; -webkit-box-shadow:4px 4px  
4px 4px #D981F1; box-shadow:4px 4px 4px  
4px #D981F1 }
```

# Background

The CSS property to change the background color of an element to Hex D981F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D981F1 }
```

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

```
.background{ background-color:#D981F1 }
```

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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