

Converting Colors

Hex(D189FC)

Have a look what the booklet for
Hex(D189FC) contains.

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Color

Hex(D189FC)

Conversions

Conversions Part 1

Format	Color
Hex	D189FC
RGB	209, 137, 252
RGB Percent	82%, 54%, 99%
CMY	0.1804, 0.4627, 0.0118
CMYK	0.17, 0.46, 0.00, 0.01
HSL	278°, 95%, 76%
HSV	278°, 46%, 99%
XYZ	52.8108, 38.4749, 96.7384
YIQ	171.6380, 5.9970, 51.0290

Conversions

Conversions Part 2

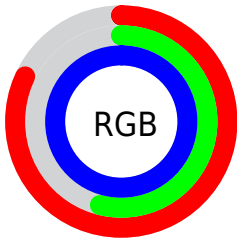
Format	Color
R _Y B	209, 137, 252
Decimal	13732348
CIE Lab	68.37, 47.39, -46.81
CIE LCh	68, 66.609, 315.358
Yxy	38.4749, 0.2809, 0.2046
Android (android.graphics.Color)	4291922428 (0xFFD189FC)
YUV	171.6380, 39.6185, 32.7665
Hunter-Lab	62.0281, 43.4259, -49.0483

Details

The Hex color **D189FC** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4FC89**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFC0FF**, and **9855C3** is the 20% darker color. If you saturate the color by 10%, you get **C870FC**, and if you desaturate by 10%, it is **DAA2FC**.

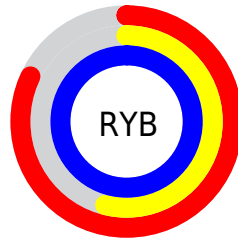
Distribution



Red (82%)

Green (54%)

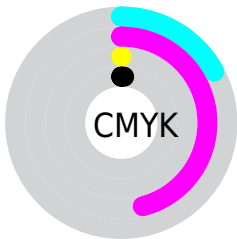
Blue (99%)



Red (82%)

Yellow (54%)

Blue (99%)

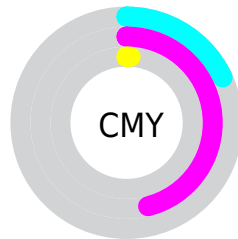


Cyan (17%)

Magenta (46%)

Yellow (0%)

Black (1%)



Cyan (18%)

Magenta (46%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color D189FC 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 D189FC by changing the saturation by 10% instead.

 D189FC

 D189FC

FFFFFF

 B46FDF

 FFC0FF

 9855C3

 FFDCFF

 7D3BA7

 FFF9FF

 62218C

 470172

 2C0059

 150041

 00032A

 000114

 D189FC

 D189FC

 C870FC

 DAA2FC

 BE57FC

 E4BBFC

 B53DFC

 EDD5FC

 AB24FC

 F7EEFC

 A20BFC

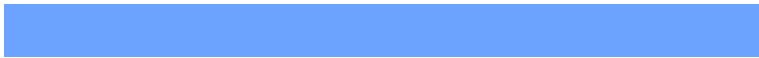
FFFFFFC

 9E00FC

Harmonies

Analogous

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



6CA3FF



D189FC



FF72C7

Triad

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



D189FC



DE9928



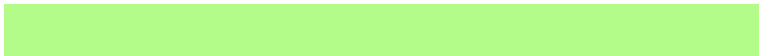
00C3C5

Complementary

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



D189FC



B4FC89

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.



00C286



D189FC



A8AD22

Square

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



D189FC



FF8053



62BB4C



00C0FB

Rectangle

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



D189FC



FF6C9E



62BB4C



00C3B0

Sweetspot

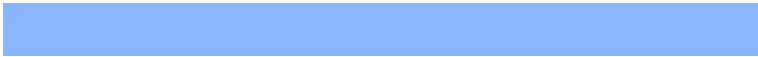
The Sweet Spot groups the original color and five complimentary colors.



D189FC



F2DBFF



89B5FC



776A80



000000



808080

Same Dimension

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



D189FC



CB73FF



FC89EF



78707D



7600BD



26003D

Inverse Universe

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



FC89B4



FF73A7



89FC96



7D7075



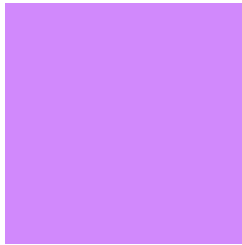
BD0047



3D0017

Previews

White Background



This preview shows how the Hex color D189FC looks on a white background.

Color Contrast Check

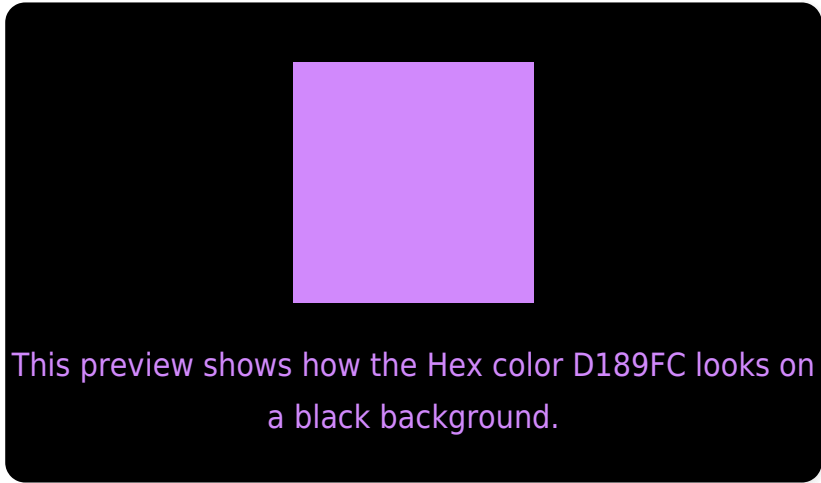
Large Text (above 18pt) WCAG AA × Fail

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

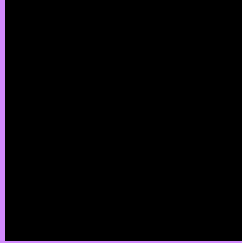
Any Text WCAG AA ✓ Pass

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 D189FC Background



This preview shows how black text looks on a background with the Hex color D189FC.

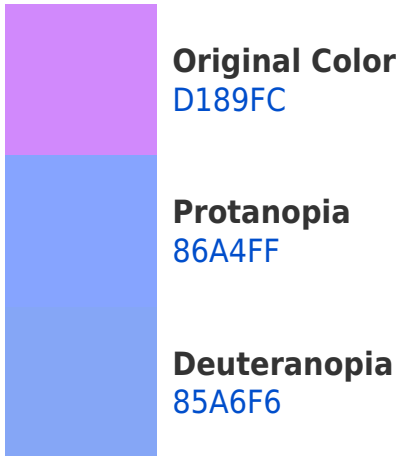


This preview shows how white text looks on a background with the Hex color D189FC.

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](#).

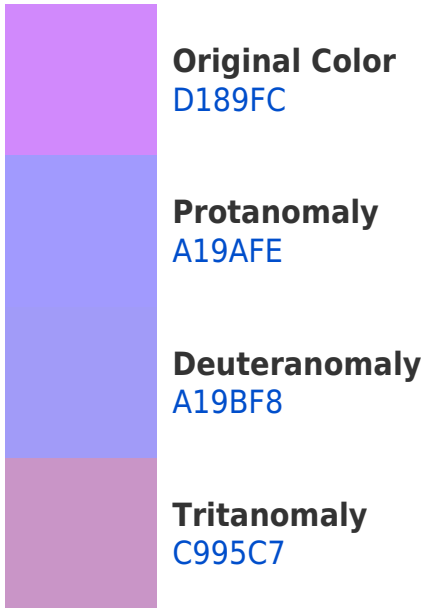
Dichromacy



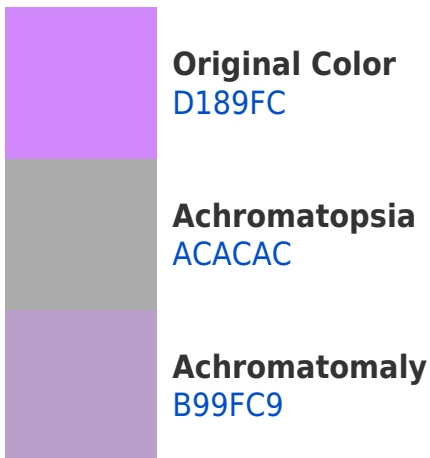


Tritanopia
C49CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D189FC 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 #D189FC looks like.

```
.text, #text, p{  
    color:#D189FC  
}
```

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 #D189FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D189FC
}
```

Border

The CSS property to change the border of an element to Hex D189FC 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".

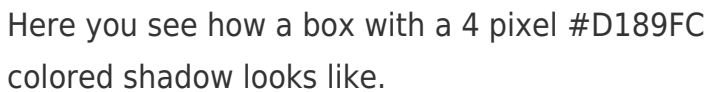
```
.border, #border, table{ border:4px solid
#D189FC }
```

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

```
.border{ border-color:#D189FC }
```

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

Here you see how a box with a 4 pixel #D189FC colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D189FC; -webkit-box-shadow:4px 4px  
4px 4px #D189FC; box-shadow:4px 4px 4px  
4px #D189FC }
```

Background

The CSS property to change the background color of an element to Hex D189FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D189FC }
```

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

```
.background{ background-color:#D189FC }
```

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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