

Converting Colors

Hex(DCCFFF)

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

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Color

Hex(DCCFFF)

Conversions

Conversions Part 1

Format	Color
Hex	DCCFFF
RGB	220, 207, 255
RGB Percent	86%, 81%, 100%
CMY	0.1373, 0.1882, 0.0000
CMYK	0.14, 0.19, 0.00, 0.00
HSL	256°, 100%, 91%
HSV	256°, 19%, 100%
XYZ	69.8780, 67.0613, 103.8689
YIQ	216.3590, -7.6600, 17.6840

Conversions

Conversions Part 2

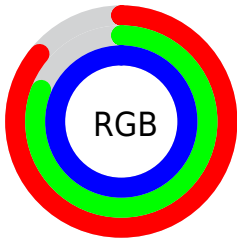
Format	Color
R _{YB}	220, 207, 255
Decimal	14471167
CIE _{Lab}	85.53, 13.62, -21.82
CIE _{LCh}	86, 25.723, 301.972
Y _{xy}	67.0613, 0.2902, 0.2785
Android (android.graphics.Color)	4292661247 (0xFFDCCFFF)
YUV	216.3590, 19.0500, 3.1932
Hunter-Lab	81.8910, 9.0059, -17.8786

Details

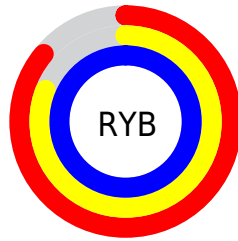
The Hex color **DCCFFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **F2FFCF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **A599C6** is the 20% darker color. If you saturate the color by 10%, you get **C9B5FF**, and if you desaturate by 10%, it is **EFE9FF**.

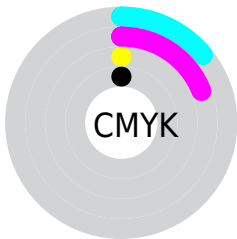
Distribution



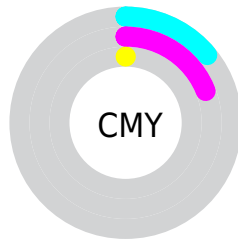
- Red (86%)
- Green (81%)
- Blue (100%)



- Red (86%)
- Yellow (81%)
- Blue (100%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 DCCFFF

FFFFFF

 DCCFFF

 C0B3E2

 A599C6

 8A7FAB

 706690

 574E76

 3F375E

 282146

 130C2F

 00011A

 DCCFFF

 DCCFFF

 C9B5FF

 EFE9FF

 B79CFF

FFFFFF

 A483FF

 9269FF

 7F50FF

 6C36FF

 5A1CFF

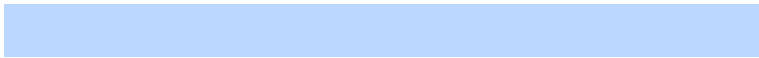
 4703FF

 4500FF

Harmonies

Analogous

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



BBD7FF



DCCFFF



F7C8ED

Triad

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



DCCFF



FCCDAC



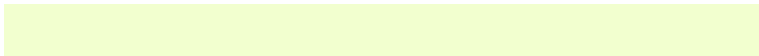
9AE4D7

Complementary

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



DCCFF



F2FFCF

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.



B0E1BE



DCCFFB



E7D5A5

Square

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



DCCFF



FFC6BD



CCDCAC



91E3EF

Rectangle

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



DCCFF



FFC5DD



CCDCAC



A0E3CE

Sweetspot

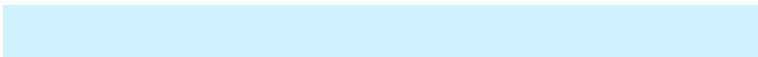
The Sweet Spot groups the original color and five complimentary colors.



DCCFF



F4F0FF



CFF2FF



797780



000000



808080

Same Dimension

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



DCCFF



D4C4FF



F4CFFF



767380



3400BF



110040

Inverse Universe

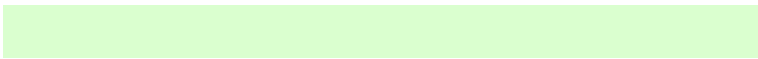
The Inverse Universe completely reimagines the original color for something new.



FFCFF2



FFC4EF



DAFFCF



80737C



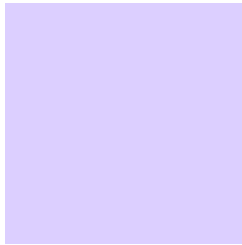
BF008B



40002E

Previews

White Background



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

Color Contrast Check

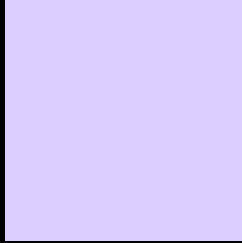
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color DCCFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

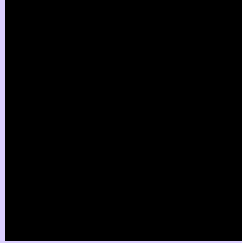
Any Text WCAG AA ✓ Pass

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 DCCFFF Background



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



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

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



Original Color
DCCFF

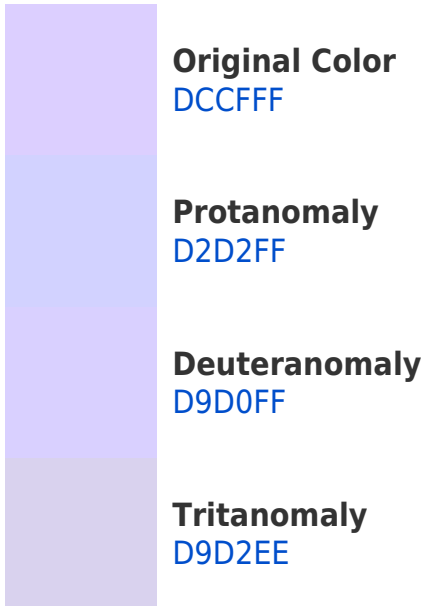
Protanopia
CCD4FF

Deuteranopia
D7D1FF

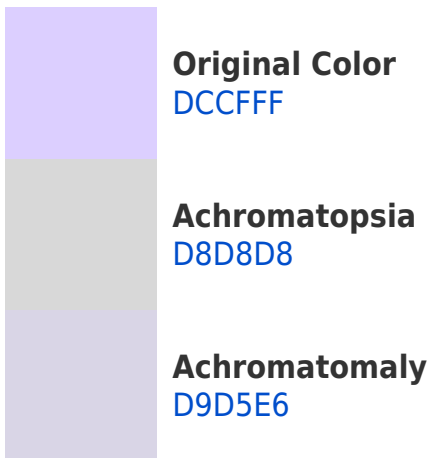


Tritanopia
D7D4E4

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #DCCFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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