

Converting Colors

Hex(CDCCFF)

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

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Color

Hex(CDCCFF)

Conversions

Conversions Part 1	
Format	Color
Hex	CDCCFF
RGB	205, 204, 255
RGB Percent	80%, 80%, 100%
CMY	0.1961, 0.2000, 0.0000
CMYK	0.20, 0.20, 0.00, 0.00
HSL	241°, 100%, 90%
HSV	241°, 20%, 100%
XYZ	64.8197, 63.3849, 103.4259
YIQ	210.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

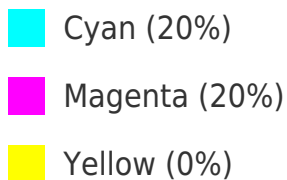
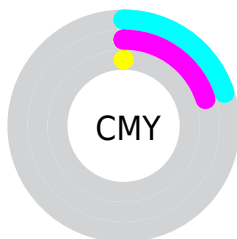
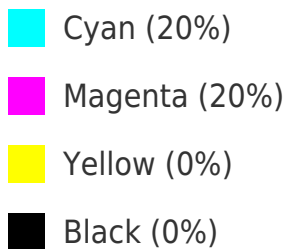
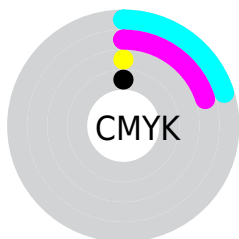
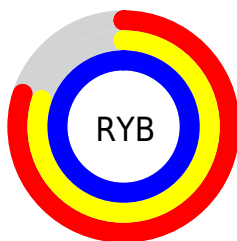
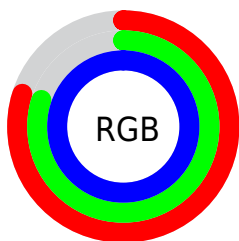
Format	Color
RYB	205, 204, 255
Decimal	13487359
CIELab	83.64, 10.61, -24.80
CIELCh	84, 26.973, 293.155
Yxy	63.3849, 0.2798, 0.2736
Android (android.graphics.Color)	4291677439 (0xFFCDCCFF)
YUV	210.1130, 22.1293, -4.4841
Hunter-Lab	79.6146, 6.0035, -21.2923

Details

The Hex color **CDCCFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FEFFCC**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFFF**, and **9696C6** is the 20% darker color. If you saturate the color by 10%, you get **B4B3FF**, and if you desaturate by 10%, it is **E6E6FF**.

Distribution



Brightness & Saturation Gradients

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

 CDCCFF

 CDCCFF

FFFFFF


 B1B1E2

 9696C6

 7C7CAB

 626390

 494B76

 31355D

 192046

 03082F

 00011A

 CDCCFF

 CDCCFF

 B4B3FF

 E6E6FF

 9B99FF

FFFFFF

 8280FF

 6966FF

 504DFF

 3733FF

 1E19FF

 0500FF

Harmonies

Analogous

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



AAD5FF



CDCCFF



ECC4EF

Triad

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



CDCCFF



FCC5A9



97DFCA

Complementary

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



CDCCFF



FEFFCC

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.



B1DBB1



CDCCFF



E9CD9E

Square

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



CDCCFF



FFBFBE



CFD5A1



88DFE3

Rectangle

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



CDCCFF



FAC0E0



CFD5A1



9FDEC1

Sweetspot

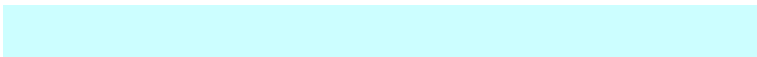
The Sweet Spot groups the original color and five complimentary colors.



CDCCFF



F0F0FF



CCFEFF



777780



000000



808080

Same Dimension

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



CDCCFF



C3C2FF



E6CCFF



737380



0400BF



010040

Inverse Universe

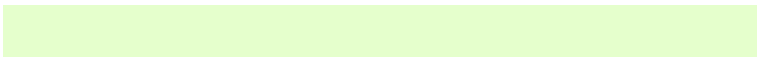
The Inverse Universe completely reimagines the original color for something new.



FFCCFE



FFC2FE



E5FFCC



80737F



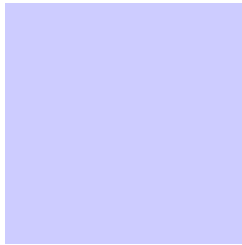
BF00BC



40003F

Previews

White Background



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

Color Contrast Check

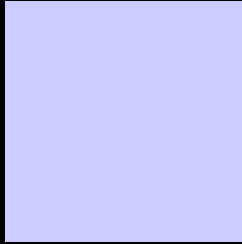
Large Text (above 18pt) WCAG AA × Fail

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 CDCCFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

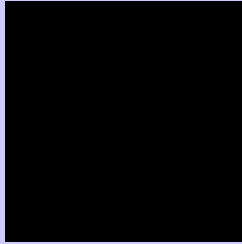
Any Text WCAG AA ✓ Pass

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 CDCCFF Background



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



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

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
CDCCFF

Protanopia
C5CEFF

Deuteranopia
CDCCFF

Trichromacy

	Original Color CDCCFF
	Protanomaly C8CDFF
	Deuteranomaly CDCCFF
	Tritanomaly CACFED

Monochromacy

	Original Color CDCCFF
	Achromatopsia D2D2D2
	Achromatomaly D0D0E2

CSS Examples

Text

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

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

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 #CDCCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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