

Converting Colors

Hex(CCBFF4)

Have a look what the booklet for
Hex(CCBFF4) contains.

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Color

Hex(CCBFF4)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFF4
RGB	204, 191, 244
RGB Percent	80%, 75%, 96%
CMY	0.2000, 0.2510, 0.0431
CMYK	0.16, 0.22, 0.00, 0.04
HSL	255°, 71%, 85%
HSV	255°, 22%, 96%
XYZ	59.8618, 56.6306, 93.3637
YIQ	200.9290, -9.2650, 19.2390

Conversions

Conversions Part 2

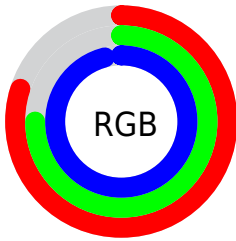
Format	Color
R_{YB}	204, 191, 244
Decimal	13418484
CIE _{Lab}	79.97, 14.92, -24.54
CIE _{LCh}	80, 28.718, 301.298
Yxy	56.6306, 0.2853, 0.2699
Android (android.graphics.Color)	4291608564 (0xFFCCBFF4)
YUV	200.9290, 21.2340, 2.6933
Hunter-Lab	75.2533, 10.2981, -20.8813

Details

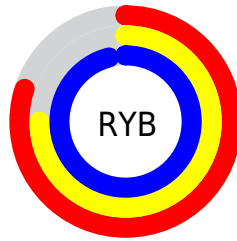
The Hex color **CCBFF4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E7F4BF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFF7FF**, and **958ABC** is the 20% darker color. If you saturate the color by 10%, you get **BAA7F4**, and if you desaturate by 10%, it is **DED7F4**.

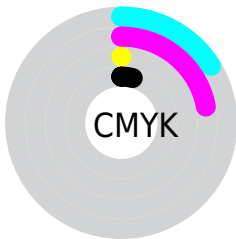
Distribution



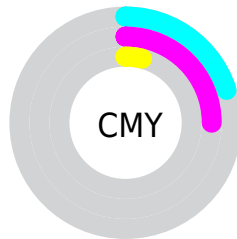
- Red (80%)
- Green (75%)
- Blue (96%)



- Red (80%)
- Yellow (75%)
- Blue (96%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (25%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCBFF4 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 CCBFF4 by changing the saturation by 10% instead.

 CCBFF4

 CCBFF4

FFFFFF

 B0A4D7

 FFF7FF

 958ABC

 7B70A1

 625886

 49406D

 312A54

 1A163D

 070027

 000110

 CCBFF4

 CCBFF4

 BAA7F4

 DED7F4

 A78EF4

 F1F0F4

 9576F4

 FFFFF4

 825DF4

 7045F4

 5E2DF4

 4B14F4

 3C00F4

Harmonies

Analogous

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



A7C8FB



CCBFF4



EAB7E0

Triad

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



CCBFF4



EFBC98



82D5C7

Complementary

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



CCBFF4



E7F4BF

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.



9DD3AC



CCBFF4



D9C591

Square

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



CCBFF4



FCB5AC



BCCD98



77D4E1

Rectangle

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



CCBFF4



F6B3CF



BCCD98



8AD5BD

Sweetspot

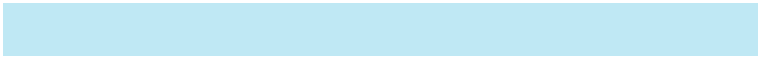
The Sweet Spot groups the original color and five complimentary colors.



CCBFF4



F2EDFF



BFE8F4



787580



000000



808080

Same Dimension

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



CCBFF4



CDBDFF



E6BFF4



716E7A



2E00BA



0E003B

Inverse Universe

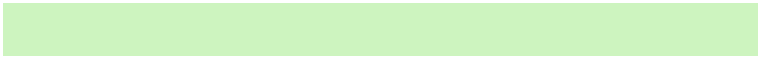
The Inverse Universe completely reimagines the original color for something new.



F4BFE7



FFBDEF



CDF4BF



7A6E77



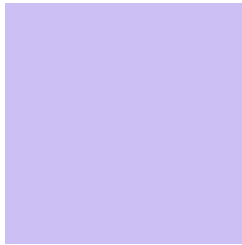
BA008C



3B002C

Previews

White Background



This preview shows how the Hex color CCBFF4 looks on a white background.

Color Contrast Check

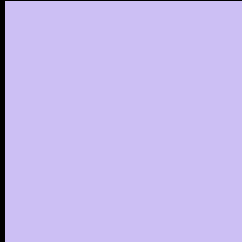
Large Text (above 18pt) WCAG AA × Fail

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 CCBFF4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

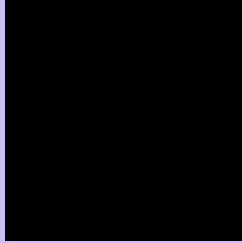
Any Text WCAG AA ✓ Pass

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 CCBFF4 Background



This preview shows how black text looks on a background with the Hex color CCBFF4.



This preview shows how white text looks on a background with the Hex color CCBFF4.

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
CCBFF4

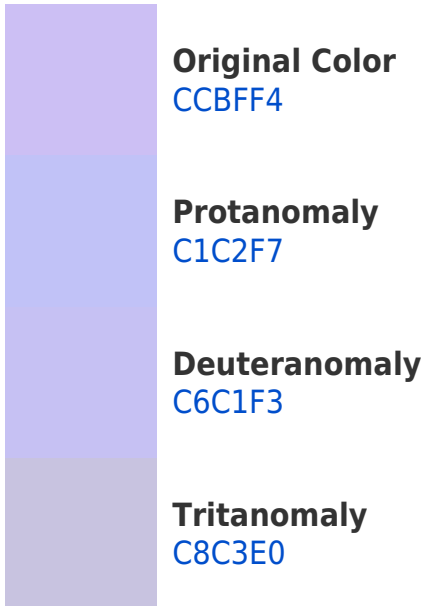
Protanopia
BAC4F8

Deuteranopia
C3C2F3

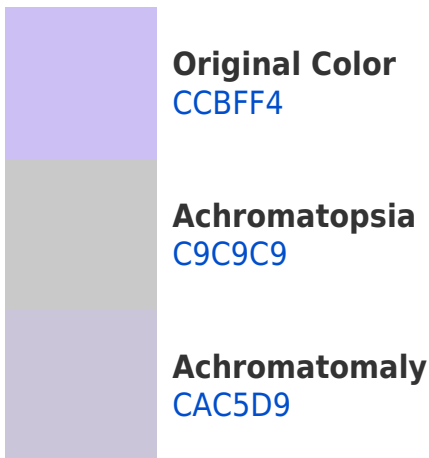


Tritanopia
C6C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CCBFF4 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 #CCBFF4 looks like.

```
.text, #text, p{  
    color:#CCBFF4  
}
```

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 #CCBFF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBFF4
}
```

Border

The CSS property to change the border of an element to Hex CCBFF4 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
#CCBFF4 }
```

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

```
.border{ border-color:#CCBFF4 }
```

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

Here you see how a box with a 4 pixel #CCBFF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBFF4; -webkit-box-shadow:4px 4px  
4px 4px #CCBFF4; box-shadow:4px 4px 4px  
4px #CCBFF4 }
```

Background

The CSS property to change the background color of an element to Hex CCBFF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBFF4 }
```

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

```
.background{ background-color:#CCBFF4 }
```

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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