

# Converting Colors

Hex(CCB5F0)

Have a look what the booklet for  
Hex(CCB5F0) contains.

<b>Hex(CCB5F0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(CCB5F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCB5F0
RGB	204, 181, 240
RGB Percent	80%, 71%, 94%
CMY	0.2000, 0.2902, 0.0588
CMYK	0.15, 0.25, 0.00, 0.06
HSL	263°, 66%, 83%
HSV	263°, 25%, 94%
XYZ	57.1539, 52.1764, 89.4968
YIQ	194.6030, -5.2310, 23.2250

# Conversions

## Conversions Part 2

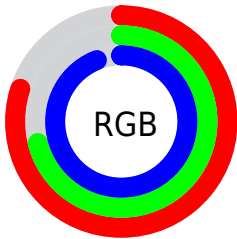
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 181, 240
Decimal	13415920
CIELab	77.39, 19.50, -26.34
CIELCh	77, 32.769, 306.516
Yxy	52.1764, 0.2875, 0.2624
Android (android.graphics.Color)	4291606000 (0xFFCCB5F0)
YUV	194.6030, 22.3807, 8.2412
Hunter-Lab	72.2332, 14.8284, -22.8969

# Details

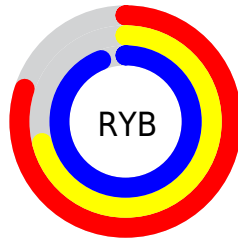
The Hex color **CCB5F0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9F0B5**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFEDFF**, and **9580B8** is the 20% darker color. If you saturate the color by 10%, you get **BD9DF0**, and if you desaturate by 10%, it is **DBCDF0**.

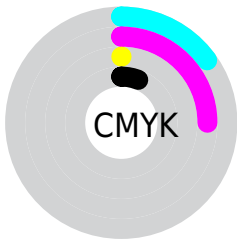
# Distribution



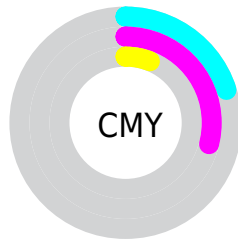
- Red (80%)
- Green (71%)
- Blue (94%)



- Red (80%)
- Yellow (71%)
- Blue (94%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (29%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCB5F0 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 CCB5F0 by changing the saturation by 10% instead.



 CCB5F0

 CCB5F0

FFFFFF

 B09AD4

 FFEDFF

 9580B8

 7B679D

 614F83

 493869

 312251

 1A0D3A

 000024

 00000B

 CCB5F0

 CCB5F0

 BD9DF0


 DBCDF0

 AF85F0

 E9E5F0

 A06DF0

 F8FDF0

 9155F0

 FFFFF0

 833DF0

 7425F0

 650DF0

 5E00F0

# Harmonies

## Analogous

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



A1C0FB



CCB5F0



EBACD8

# Triad

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



CCB5F0



E9B588



69D0C5

# Complementary

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



CCB5F0



D9F0B5

# 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.



89CEA6



CCB5F0



CEBF83

# Square

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



CCB5F0



F9AC9C



ADC88E



5DCEE2

# Rectangle

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



CCB5F0



F8A9C4



ADC88E



73D0BA



# Sweetspot

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



CCB5F0



F4EDFF



B5D9F0



797580



000000



808080



# Same Dimension

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



CCB5F0



D0B3FF



E9B5F0



716C78



4800B8



160038



# Inverse Universe

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



F0B5D9



FFB3E1



BCF0B5



786C73



B80070

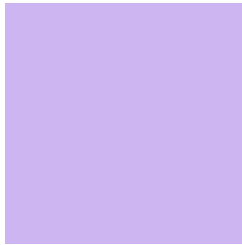


380022



# Previews

## White Background



This preview shows how the Hex color CCB5F0 looks on a white background.

## Color Contrast Check

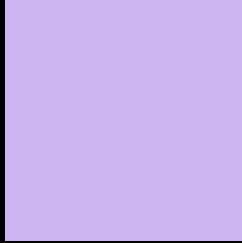
Large Text (above 18pt) WCAG AA × Fail

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 CCB5F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

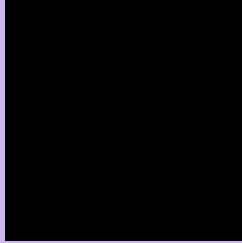
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCB5F0 Background



This preview shows how black text looks on a background with the Hex color CCB5F0.



This preview shows how white text looks on a background with the Hex color CCB5F0.

# 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





# Trichromacy



**Original Color**  
CCB5F0

**Protanomaly**  
BBBAF4

**Deuteranomaly**  
C0B9EF

**Tritanomaly**  
C8B9D8

# Monochromacy



**Original Color**  
CCB5F0

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C6BED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCB5F0 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 #CCB5F0 looks like.

```
.text, #text, p{  
    color:#CCB5F0  
}
```

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 #CCB5F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB5F0
}
```

## Border

The CSS property to change the border of an element to Hex CCB5F0 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
#CCB5F0 }
```

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

```
.border{ border-color:#CCB5F0 }
```

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

Here you see how a box with a 4 pixel #CCB5F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB5F0; -webkit-box-shadow:4px 4px  
4px 4px #CCB5F0; box-shadow:4px 4px 4px  
4px #CCB5F0 }
```

# Background

The CSS property to change the background color of an element to Hex CCB5F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB5F0 }
```

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

```
.background{ background-color:#CCB5F0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor