

# Converting Colors

Hex(CCBFE6)

Have a look what the booklet for  
Hex(CCBFE6) contains.

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# **Color**

**Hex(CCBFE6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CCBFE6
RGB	204, 191, 230
RGB Percent	80%, 75%, 90%
CMY	0.2000, 0.2510, 0.0980
CMYK	0.11, 0.17, 0.00, 0.10
HSL	260°, 44%, 83%
HSV	260°, 17%, 90%
XYZ	57.8156, 55.8121, 82.5885
YIQ	199.3330, -4.7710, 14.8850

# Conversions

## Conversions Part 2

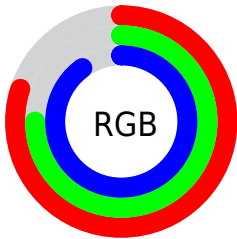
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 191, 230
Decimal	13418470
CIE <sub>Lab</sub>	79.51, 11.98, -17.73
CIE <sub>LCh</sub>	80, 21.398, 304.050
Yxy	55.8121, 0.2947, 0.2844
Android (android.graphics.Color)	4291608550 (0xFFCCBFE6)
YUV	199.3330, 15.1188, 4.0930
Hunter-Lab	74.7075, 7.4016, -13.2493

# Details

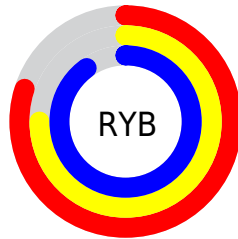
The Hex color **CCBFE6** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9E6BF**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF7FF**, and **968AAE** is the 20% darker color. If you saturate the color by 10%, you get **BDA8E6**, and if you desaturate by 10%, it is **DBD6E6**.

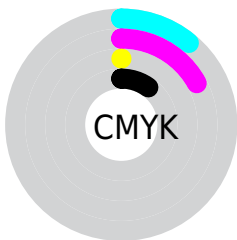
# Distribution



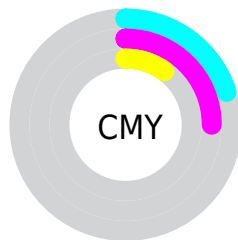
- Red (80%)
- Green (75%)
- Blue (90%)



- Red (80%)
- Yellow (75%)
- Blue (90%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (25%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCBFE6 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 CCBFE6 by changing the saturation by 10% instead.



 CCBFE6

FFFFFF

 FFF7FF

 CCBFE6

 B0A4CA

 968AAE

 7C7094

 62587A

 4A4061

 332A49

 1D1632

 06001E

 000000

 CCBFE6

 CCBFE6

 BDA8E6

 DBD6E6

 AD91E6

 EBEDE6

 9E7AE6

 FAFFE6

 8F63E6

 FFFFE6

 7F4CE6

 7035E6

 611EE6

 5107E6

 4D00E6

# Harmonies

## Analogous

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



B2C6EC



CCBFE6



E1B9D7

# Triad

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



CCBFE6



E4BEA2



94D1C7

# Complementary

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



CCBFE6



D9E6BF

# 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.



A5CFB3



CCBFE6



D2C59D

# Square

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



CCBFE6



EEB9B0



BCCBA4



8FD0DB

# Rectangle

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



CCBF66



EAB7CA



BCCBA4



99D0C0



# Sweetspot

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



CCBFE6



F7F2FF



BFD9E6



7A7880



000000



808080



# Same Dimension

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



CCBFE6



DDCCFF



E0BFE6



6B6773



3C00B3



110033



# Inverse Universe

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



E6BFD9



FFCCEE



C5E6BF



73676F



B30077

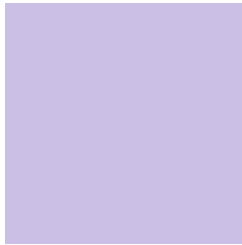


330022



# Previews

## White Background



This preview shows how the Hex color CCBFE6 looks on a white background.

## Color Contrast Check

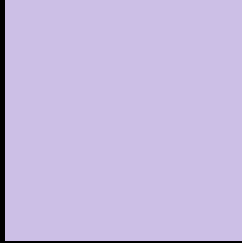
Large Text (above 18pt) WCAG AA × Fail

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 CCBFE6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

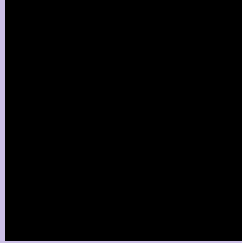
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CCBFE6 Background



This preview shows how black text looks on a background with the Hex color CCBFE6.



This preview shows how white text looks on a background with the Hex color CCBFE6.

# 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**  
CCBFE6

**Protanopia**  
BDC3E9

**Deuteranopia**  
C8C0E6



**Tritanopia**  
C9C2D2

# Trichromacy



**Original Color**  
CCBFE6

**Protanomaly**  
C2C2E8

**Deuteranomaly**  
C9C0E6

**Tritanomaly**  
CAC1D9

# Monochromacy



**Original Color**  
CCBFE6

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
C9C4D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCBFE6 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 #CCBFE6 looks like.

```
.text, #text, p{  
    color:#CCBFE6  
}
```

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 #CCBFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCBFE6  
}
```

## Border

The CSS property to change the border of an element to Hex CCBFE6 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  
#CCBFE6 }
```

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

```
.border{ border-color:#CCBFE6 }
```

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

Here you see how a box with a 4 pixel #CCBFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCBFE6; -webkit-box-shadow:4px 4px  
4px 4px #CCBFE6; box-shadow:4px 4px 4px  
4px #CCBFE6 }
```

# Background

The CSS property to change the background color of an element to Hex CCBFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCBFE6 }
```

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

```
.background{ background-color:#CCBFE6 }
```

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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