

Converting Colors

Hex(CCB3E5)

Have a look what the booklet for
Hex(CCB3E5) contains.

Hex(CCB3E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CCB3E5)

Conversions

Conversions Part 1

Format	Color
Hex	CCB3E5
RGB	204, 179, 229
RGB Percent	80%, 70%, 90%
CMY	0.2000, 0.2980, 0.1020
CMYK	0.11, 0.22, 0.00, 0.10
HSL	270°, 49%, 80%
HSV	270°, 22%, 90%
XYZ	55.1648, 50.7347, 81.0140
YIQ	192.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

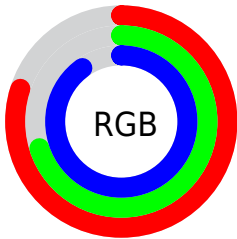
Format	Color
R_{YB}	204, 179, 229
Decimal	13415397
CIE _{Lab}	76.52, 18.29, -21.72
CIE _{LCh}	77, 28.391, 310.101
Yxy	50.7347, 0.2951, 0.2714
Android (android.graphics.Color)	4291605477 (0xFFCCB3E5)
YUV	192.1750, 18.1547, 10.3705
Hunter-Lab	71.2283, 13.5949, -17.5758

Details

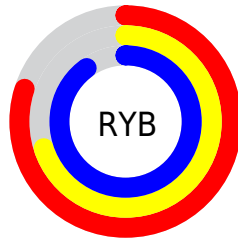
The Hex color **CCB3E5** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **CCE5B3**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFEBFF**, and **957EAD** is the 20% darker color. If you saturate the color by 10%, you get **C19CE5**, and if you desaturate by 10%, it is **D7CAE5**.

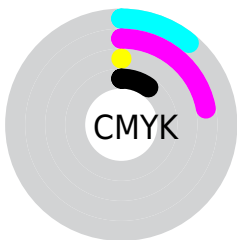
Distribution



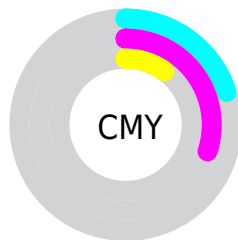
- Red (80%)
- Green (70%)
- Blue (90%)



- Red (80%)
- Yellow (70%)
- Blue (90%)



- Cyan (11%)
- Magenta (22%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CCB3E5 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 CCB3E5 by changing the saturation by 10% instead.

 CCB3E5

 CCB3E5

FFFFFF

 B098C9

 FFE8FF

 957EAD

 7B6593

 624D79

 4A3660

 322048

 1C0B31

 00001C

 000000

 CCB3E5

 CCB3E5

 C19CE5

 D7CAE5

 B585E5

 E3E1E5

 AA6EE5

 EEF8E5

 9E57E5

 FAFFE5

 9340E5

 FFFFE5

 872AE5

 7C13E5

 7300E5

Harmonies

Analogous

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



A9BCF0



CCB3E5



E6ACCF

Triad

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



CCB3E5



DFB58C



74CCC5

Complementary

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



CCB3E5



CCE5B3

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.



8CCAAA



CCB3E5



C7BE89

Square

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



CCB3E5



EFAD9C



AAC594



6FCADE

Rectangle

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



CCB3E5



EFAABE



AAC594



7BCBBC

Sweetspot

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



CCB3E5



F6EDFF



B3CCE5



7A7580



000000



808080

Same Dimension

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



CCB3E5



DEBDFE



E5B3E5



6D6773



5900B3



1A0033

Inverse Universe

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



E5B3CC



FFBDDE



B3E5B3



73676D



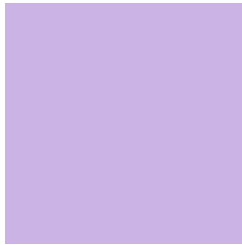
B30059



33001A

Previews

White Background



This preview shows how the Hex color CCB3E5 looks on a white background.

Color Contrast Check

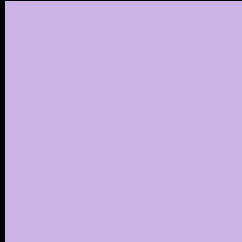
Large Text (above 18pt) WCAG AA × Fail

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 CCB3E5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

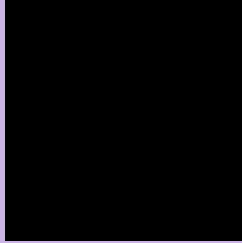
Any Text WCAG AA ✓ Pass

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 CCB3E5 Background



This preview shows how black text looks on a background with the Hex color CCB3E5.



This preview shows how white text looks on a background with the Hex color CCB3E5.

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
CCB3E5

Protanopia
B2BBEB

Deuteranopia
BCB9E4



Tritanopia
C7B8C7

Trichromacy



Original Color
CCB3E5

Protanomaly
BBB8E9

Deuteranomaly
C2B7E4

Tritanomaly
C9B6D2

Monochromacy



Original Color
CCB3E5

Achromatopsia
C0C0C0

Achromatomaly
C4BBCD

CSS Examples

Text

The CSS property to change the color of the text to Hex CCB3E5 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 #CCB3E5 looks like.

```
.text, #text, p{  
    color:#CCB3E5  
}
```

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 #CCB3E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCB3E5
}
```

Border

The CSS property to change the border of an element to Hex CCB3E5 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
#CCB3E5 }
```

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

```
.border{ border-color:#CCB3E5 }
```

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

Here you see how a box with a 4 pixel #CCB3E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCB3E5; -webkit-box-shadow:4px 4px  
4px 4px #CCB3E5; box-shadow:4px 4px 4px  
4px #CCB3E5 }
```

Background

The CSS property to change the background color of an element to Hex CCB3E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCB3E5 }
```

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

```
.background{ background-color:#CCB3E5 }
```

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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