

Converting Colors

Hex(CD8EB0)

Have a look what the booklet for
Hex(CD8EB0) contains.

Hex(CD8EB0)	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(CD8EB0)

Conversions

Conversions Part 1

Format	Color
Hex	CD8EB0
RGB	205, 142, 176
RGB Percent	80%, 56%, 69%
CMY	0.1961, 0.4431, 0.3098
CMYK	0.00, 0.31, 0.14, 0.20
HSL	328°, 39%, 68%
HSV	328°, 31%, 80%
XYZ	42.6863, 35.4597, 45.6689
YIQ	164.7130, 26.6340, 23.9300

Conversions

Conversions Part 2

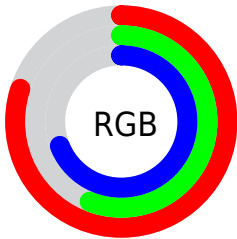
Format	Color
R _Y B	205, 142, 176
Decimal	13471408
CIE Lab	66.11, 29.00, -8.15
CIE LCh	66, 30.123, 344.304
Yxy	35.4597, 0.3448, 0.2864
Android (android.graphics.Color)	4291661488 (0xFFCD8EB0)
YUV	164.7130, 5.5645, 35.3317
Hunter-Lab	59.5481, 23.7464, -3.7873

Details

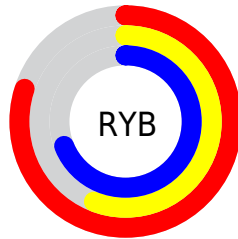
The Hex color **CD8EB0** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **8ECDAB**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC4E8**, and **965B7C** is the 20% darker color. If you saturate the color by 10%, you get **CD7AA7**, and if you desaturate by 10%, it is **CDA3B9**.

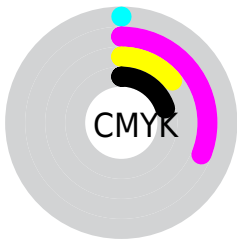
Distribution



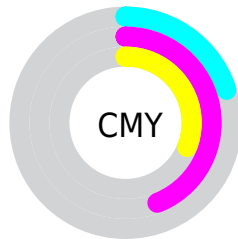
- Red (80%)
- Green (56%)
- Blue (69%)



- Red (80%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (14%)
- Black (20%)



- Cyan (20%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD8EB0 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 CD8EB0 by changing the saturation by 10% instead.

 CD8EB0

 CD8EB0

FFFFFF

 B17495

 FFC4E8

 965B7C

 FFE1FF

 7B4263

 FFFDFD

 612B4B

 481334

 31001F

 180004

 000000

 CD8EB0

 CD8EB0

CD7AA7

CDA3B9

CD659D

CDB7C3

CD5194

CDCCCC

CD3C8A

CDE0D6

CD2781

CDF5DF

CD1377

CDFFE9

CD006F

CDFFF2

CDFFFB

CDFFFF

Harmonies

Analogous

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



B495C8



CD8EB0



D78D95

Triad

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



CD8EB0



A6A36C



4AADC6

Complementary

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



CD8EB0



8ECDAB

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.



4DB0AD



CD8EB0



88AA79

Square

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



CD8EB0



C09A6D



68AE91



67A7D4

Rectangle

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



CD8EB0



D58F84



68AE91



47AEBE

Sweetspot

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



CD8EB0



FFE8F4



AA8ECD



807179



000000



808080

Same Dimension

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



CD8EB0



FFA1D4



CD8E91



665C61



A60059



260015

Inverse Universe

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



CD8EB0



FFA1D4



8ECDCA



665C61



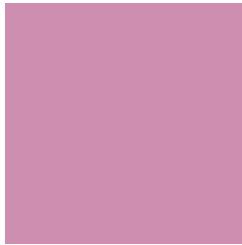
A60059



260015

Previews

White Background



This preview shows how the Hex color CD8EB0 looks on a white background.

Color Contrast Check

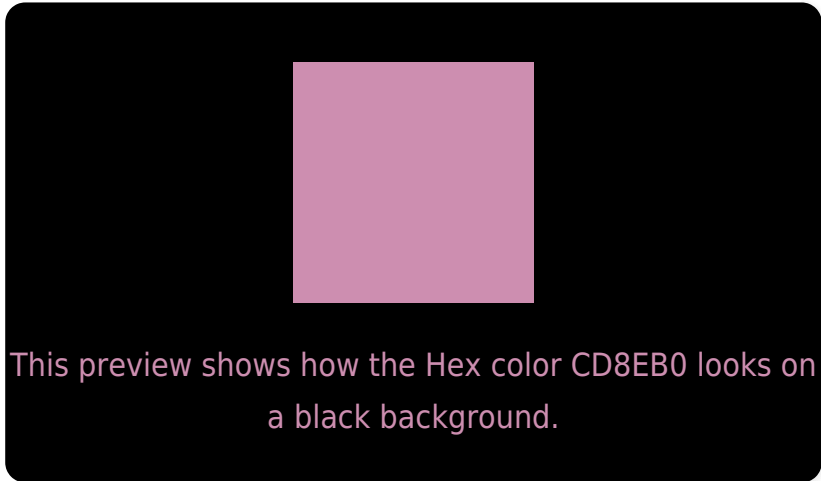
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 CD8EB0 Background



This preview shows how black text looks on a background with the Hex color CD8EB0.

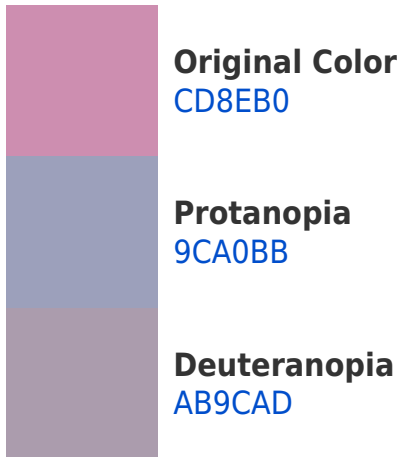



This preview shows how white text looks on a background with the Hex color CD8EB0.

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](#).

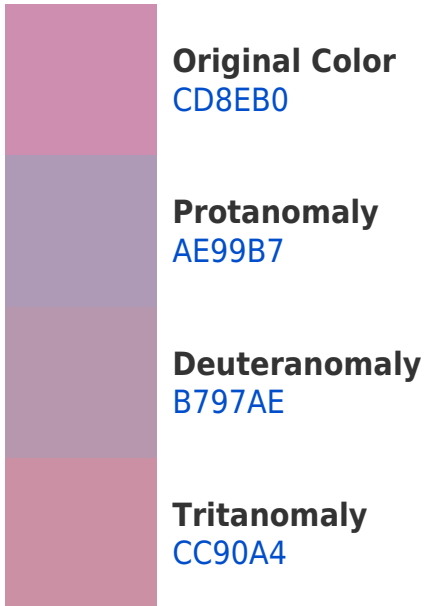
Dichromacy



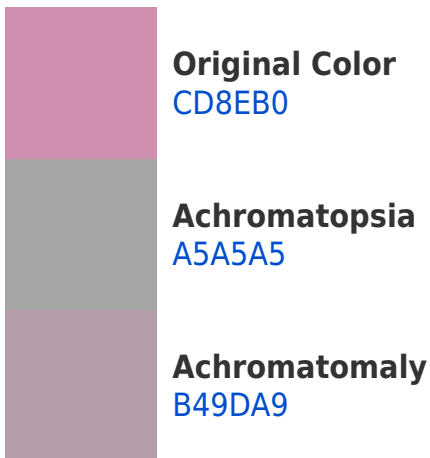


Tritanopia
CB919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CD8EB0 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 #CD8EB0 looks like.

```
.text, #text, p{  
    color:#CD8EB0  
}
```

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 #CD8EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD8EB0
}
```

Border

The CSS property to change the border of an element to Hex CD8EB0 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
#CD8EB0 }
```

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

```
.border{ border-color:#CD8EB0 }
```

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

Here you see how a box with a 4 pixel #CD8EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD8EB0; -webkit-box-shadow:4px 4px  
4px 4px #CD8EB0; box-shadow:4px 4px 4px  
4px #CD8EB0 }
```

Background

The CSS property to change the background color of an element to Hex CD8EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD8EB0 }
```

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

```
.background{ background-color:#CD8EB0 }
```

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