

# Converting Colors

Hex(C995DB)

Have a look what the booklet for  
Hex(C995DB) contains.

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# **Color**

**Hex(C995DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C995DB
RGB	201, 149, 219
RGB Percent	79%, 58%, 86%
CMY	0.2118, 0.4157, 0.1412
CMYK	0.08, 0.32, 0.00, 0.14
HSL	285°, 49%, 72%
HSV	285°, 32%, 86%
XYZ	47.6210, 39.0269, 72.0409
YIQ	172.5280, 8.5220, 32.7940

# Conversions

## Conversions Part 2

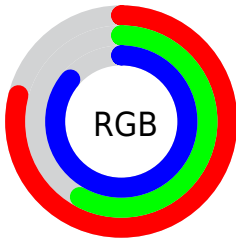
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 149, 219
Decimal	13211099
CIE Lab	68.77, 31.73, -28.12
CIE LCh	69, 42.397, 318.453
Yxy	39.0269, 0.3001, 0.2459
Android (android.graphics.Color)	4291401179 (0xFFC995DB)
YUV	172.5280, 22.9107, 24.9699
Hunter-Lab	62.4715, 26.7426, -24.6420

# Details

The Hex color **C995DB** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A7DB95**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCCFF**, and **9261A4** is the 20% darker color. If you saturate the color by 10%, you get **C37FDB**, and if you desaturate by 10%, it is **CFABDB**.

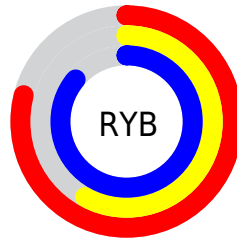
# Distribution



Red (79%)

Green (58%)

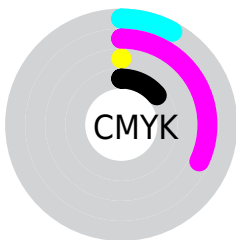
Blue (86%)



Red (79%)

Yellow (58%)

Blue (86%)

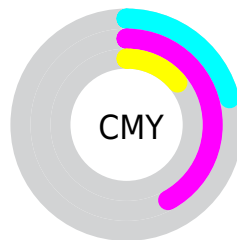


Cyan (8%)

Magenta (32%)

Yellow (0%)

Black (14%)



Cyan (21%)

Magenta (42%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C995DB 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 C995DB by changing the saturation by 10% instead.



 C995DB

 C995DB

FFFFFF

 AD7BBF

 FFCCFF

 9261A4

 FFE8FF

 784989

 5E3170

 451A57

 2D023F

 1A0029

 000113

 000000

 C995DB

 C995DB

 C37FDB

 CFABDB

 BE69DB

 D4C1DB

 B853DB

 DAD7DB

 B23DDB

 E0EDDB

 AD28DB

 E5FFDB

 A712DB

 EBFFDB

 A300DB

 F0FFDB

 F6FFDB

 FCFFDB

# Harmonies

## Analogous

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



95A3F0



C995DB



E88BB8

# Triad

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



C995DB



CDA05C



00BCBF

# Complementary

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



C995DB



A7DB95

# 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.



45BB97



C995DB



A8AD5D

# Square

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



C995DB



E79370



7DB673



00B8E0

# Rectangle

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



C995DB



F1899E



7DB673



00BCB2



# Sweetspot

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



C995DB



F8E6FF



95A8DB



7C7080



000000



808080



# Same Dimension

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



C995DB



E69EFF



DB95CB



6B636E



8100AD



22002E



# Inverse Universe

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



DB95A7



FF9EB7



95DBA5



6E6366



AD002D

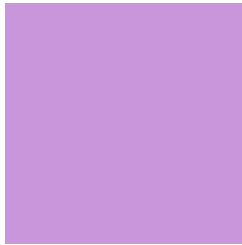


2E000C



# Previews

## White Background



This preview shows how the Hex color C995DB 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

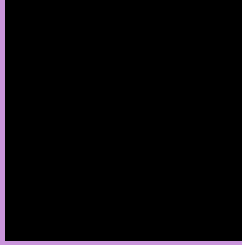
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C995DB Background



This preview shows how black text looks on a background with the Hex color C995DB.

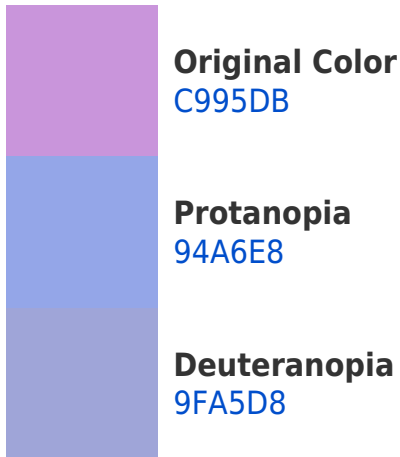


This preview shows how white text looks on a background with the Hex color C995DB.

# 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**  
C29EAB

# Trichromacy



**Original Color**  
C995DB



**Protanomaly**  
A7A0E3



**Deuteranomaly**  
AE9FD9



**Tritanomaly**  
C59BBC

# Monochromacy



**Original Color**  
C995DB



**Achromatopsia**  
ADADAD



**Achromatomaly**  
B7A4BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C995DB 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 #C995DB looks like.

```
.text, #text, p{  
    color:#C995DB  
}
```

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 #C995DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C995DB
}
```

## Border

The CSS property to change the border of an element to Hex C995DB 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
#C995DB }
```

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

```
.border{ border-color:#C995DB }
```

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

Here you see how a box with a 4 pixel #C995DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C995DB; -webkit-box-shadow:4px 4px  
4px 4px #C995DB; box-shadow:4px 4px 4px  
4px #C995DB }
```

# Background

The CSS property to change the background color of an element to Hex C995DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C995DB }
```

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

```
.background{ background-color:#C995DB }
```

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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