

Converting Colors

Hex(C995D4)

Have a look what the booklet for
Hex(C995D4) contains.

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Color

Hex(C995D4)

Conversions

Conversions Part 1

Format	Color
Hex	C995D4
RGB	201, 149, 212
RGB Percent	79%, 58%, 83%
CMY	0.2118, 0.4157, 0.1686
CMYK	0.05, 0.30, 0.00, 0.17
HSL	290°, 42%, 71%
HSV	290°, 30%, 83%
XYZ	46.7185, 38.6659, 67.2883
YIQ	171.7300, 10.7690, 30.6170

Conversions

Conversions Part 2

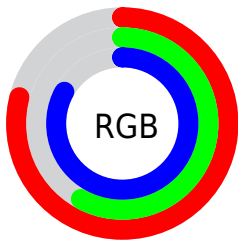
Format	Color
R _Y B	201, 149, 212
Decimal	13211092
CIE Lab	68.51, 30.34, -24.65
CIE LCh	69, 39.089, 320.902
Yxy	38.6659, 0.3060, 0.2533
Android (android.graphics.Color)	4291401172 (0xFFC995D4)
YUV	171.7300, 19.8531, 25.6698
Hunter-Lab	62.1819, 25.2924, -20.6316

Details

The Hex color **C995D4** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A0D495**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFCCFF**, and **92619D** is the 20% darker color. If you saturate the color by 10%, you get **C580D4**, and if you desaturate by 10%, it is **CDAAD4**.

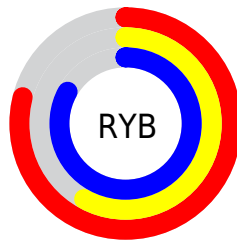
Distribution



Red (79%)

Green (58%)

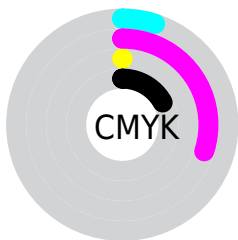
Blue (83%)



Red (79%)

Yellow (58%)

Blue (83%)

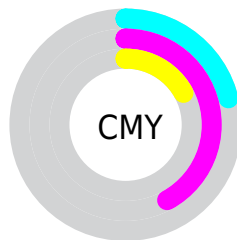


Cyan (5%)

Magenta (30%)

Yellow (0%)

Black (17%)



Cyan (21%)

Magenta (42%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color C995D4 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 C995D4 by changing the saturation by 10% instead.

 C995D4

 C995D4

FFFFFF

 AD7BB8

 FFCCFF

 92619D

 FFE8FF

 784983

 5E316A

 461A51

 2E033A

 1A0024

 00000C

 000000

 C995D4

 C995D4

 C580D4

 CDAAD4

 C26BD4

 D0BFD4

 BE55D4

 D4D5D4

 BA40D4

 D8EAD4

 B62BD4

 DCFFD4

 B316D4

 DFFFD4

 AF01D4

 E3FFD4

 AF00D4

 E7FFD4

 EAFFD4

Harmonies

Analogous

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



9BA2E9



C995D4



E48CB3

Triad

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



C995D4



C8A161



00BABF

Complementary

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



C995D4



A0D495

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.



4CB99B



C995D4



A5AD64

Square

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



C995D4



E19572



7CB579



02B6DD

Rectangle

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



C995D4



EB8B9B



7CB579



21BAB3

Sweetspot

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



C995D4



FBE8FF



95A1D4



7D7180



000000



808080

Same Dimension

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



C995D4



EFA3FF



D495C0



69606B



8D00AB



24002B

Inverse Universe

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



D495A0



FFA3B3



95D4A9



6B6062



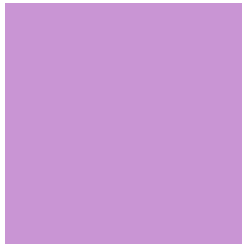
AB001E



2B0008

Previews

White Background



This preview shows how the Hex color C995D4 looks on a white background.

Color Contrast Check

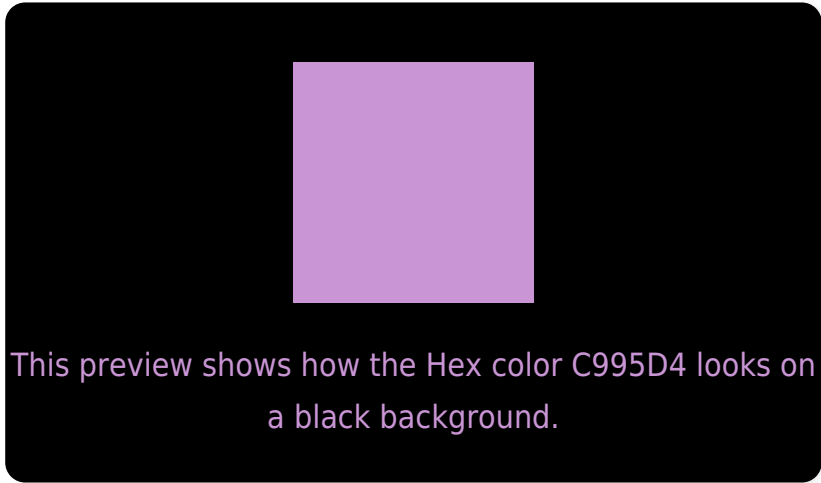
Large Text (above 18pt) WCAG AA × Fail

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

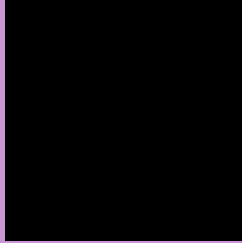
Any Text WCAG AA ✓ Pass

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 C995D4 Background



This preview shows how black text looks on a background with the Hex color C995D4.

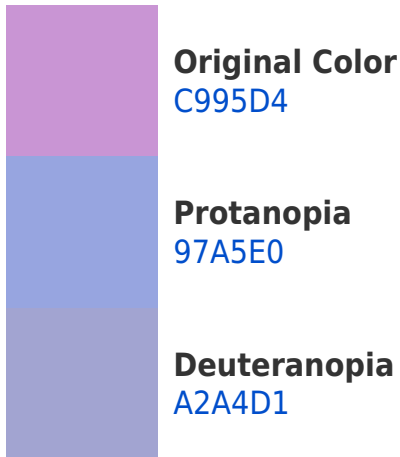


This preview shows how white text looks on a background with the Hex color C995D4.

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
C39DA9

Trichromacy



Original Color
C995D4



Protanomaly
A99FDC



Deuteranomaly
B09FD2



Tritanomaly
C59AB9

Monochromacy



Original Color
C995D4



Achromatopsia
ACACAC



Achromatomaly
B7A4BB

CSS Examples

Text

The CSS property to change the color of the text to Hex C995D4 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 #C995D4 looks like.

```
.text, #text, p{  
    color:#C995D4  
}
```

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 #C995D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C995D4
}
```

Border

The CSS property to change the border of an element to Hex C995D4 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
#C995D4 }
```

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

```
.border{ border-color:#C995D4 }
```

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

Here you see how a box with a 4 pixel #C995D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C995D4; -webkit-box-shadow:4px 4px  
4px 4px #C995D4; box-shadow:4px 4px 4px  
4px #C995D4 }
```

Background

The CSS property to change the background color of an element to Hex C995D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C995D4 }
```

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

```
.background{ background-color:#C995D4 }
```

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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