

# Converting Colors

Hex(C28CD7)

Have a look what the booklet for  
Hex(C28CD7) contains.

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# **Color**

**Hex(C28CD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C28CD7
RGB	194, 140, 215
RGB Percent	76%, 55%, 84%
CMY	0.2392, 0.4510, 0.1569
CMYK	0.10, 0.35, 0.00, 0.16
HSL	283°, 48%, 70%
HSV	283°, 35%, 84%
XYZ	43.8920, 35.1318, 68.7577
YIQ	164.6960, 8.1090, 34.7730

# Conversions

## Conversions Part 2

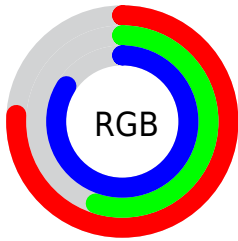
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 140, 215
Decimal	12750039
CIELab	65.85, 33.67, -30.46
CIELCh	66, 45.403, 317.858
Yxy	35.1318, 0.2970, 0.2377
Android (android.graphics.Color)	4290940119 (0xFFC28CD7)
YUV	164.6960, 24.7999, 25.6996
Hunter-Lab	59.2721, 28.4561, -27.2881

# Details

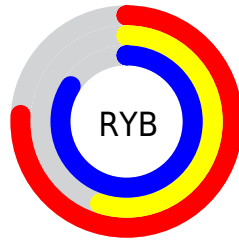
The Hex color **C28CD7** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **A1D78C**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FBC2FF**, and **8B59A0** is the 20% darker color. If you saturate the color by 10%, you get **BC76D7**, and if you desaturate by 10%, it is **C8A2D7**.

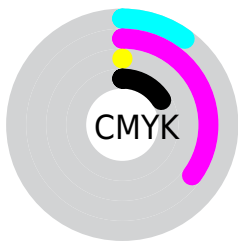
# Distribution



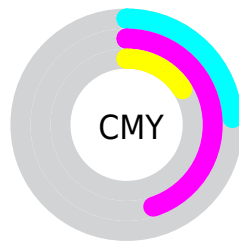
- Red (76%)
- Green (55%)
- Blue (84%)



- Red (76%)
- Yellow (55%)
- Blue (84%)



- Cyan (10%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (45%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28CD7 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 C28CD7 by changing the saturation by 10% instead.



 C28CD7

 C28CD7

FFFFFF

 A672BB

 FBC2FF

 8B59A0

 FFDEFF

 714086

 FFFBFF

 57296C

 3F1153

 27003C

 0C0026

 00010E

 000000

 C28CD7

 C28CD7

 BC76D7

 C8A2D7

 B661D7

 CEB7D7

 B04CD7

 D4CDD7

 AA36D7

 DAE2D7

 A421D7

 E0F8D7

 9E0BD7

 E6FFD7

 9B00D7

 ECFFD7

 F2FFD7

 F8FFD7

# Harmonies

## Analogous

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



899CED



C28CD7



E380B2

# Triad

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



C28CD7



C7984F



00B5B8

# Complementary

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



C28CD7



A1D78C

# 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.



2FB48E



C28CD7



A1A550

# Square

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



C28CD7



E28965



72AF68



00B1DB

# Rectangle

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



C28CD7



ED7E97



72AF68



00B5AA



# Sweetspot

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



C28CD7



F8E6FF



8CA1D7



7B7080



000000



808080



# Same Dimension

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



C28CD7



E194FF



D78CC7



68606B



7B00AB



1F002B



# Inverse Universe

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



D78CA1



FF94B2



8CD79C



6B6063



AB0030



2B000C



# Previews

## White Background



This preview shows how the Hex color C28CD7 looks on a white background.

## Color Contrast Check

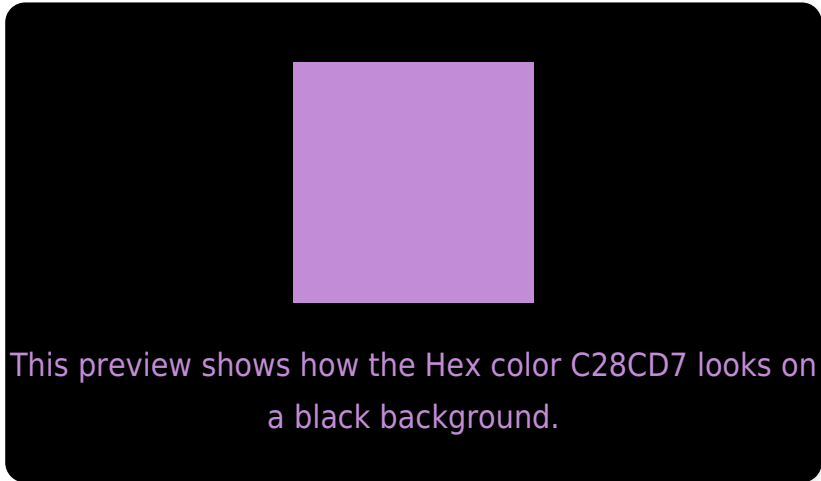
Large Text (above 18pt) WCAG AA × Fail

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 C28CD7 Background



This preview shows how black text looks on a background with the Hex color C28CD7.

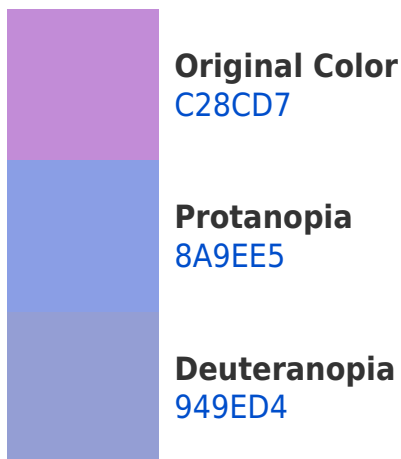


This preview shows how white text looks on a background with the Hex color C28CD7.

# 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](#).

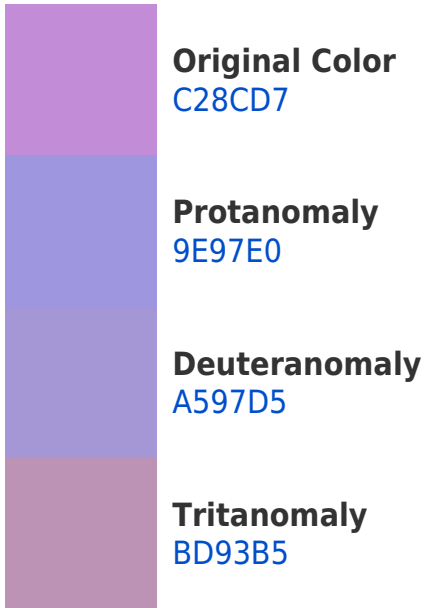
## Dichromacy



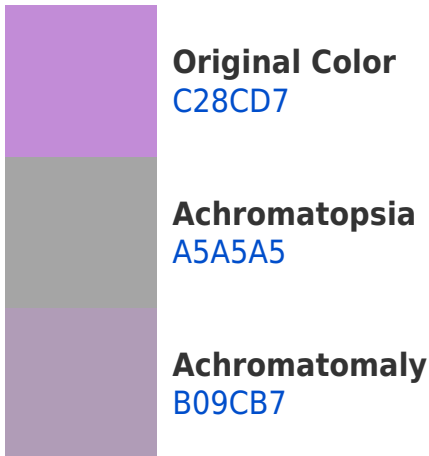


**Tritanopia**  
BA97A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28CD7 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 #C28CD7 looks like.

```
.text, #text, p{  
    color:#C28CD7  
}
```

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 #C28CD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28CD7
}
```

## Border

The CSS property to change the border of an element to Hex C28CD7 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
#C28CD7 }
```

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

```
.border{ border-color:#C28CD7 }
```

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

Here you see how a box with a 4 pixel #C28CD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28CD7; -webkit-box-shadow:4px 4px  
4px 4px #C28CD7; box-shadow:4px 4px 4px  
4px #C28CD7 }
```

# Background

The CSS property to change the background color of an element to Hex C28CD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28CD7 }
```

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

```
.background{ background-color:#C28CD7 }
```

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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