

# Converting Colors

Hex(C28BE7)

Have a look what the booklet for  
Hex(C28BE7) contains.

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# Color

**Hex(C28BE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C28BE7
RGB	194, 139, 231
RGB Percent	76%, 55%, 91%
CMY	0.2392, 0.4549, 0.0941
CMYK	0.16, 0.40, 0.00, 0.09
HSL	276°, 66%, 73%
HSV	276°, 40%, 91%
XYZ	45.9046, 35.7041, 80.0735
YIQ	165.9330, 3.2480, 40.2720

# Conversions

## Conversions Part 2

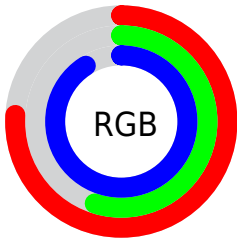
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 139, 231
Decimal	12749799
CIELab	66.29, 37.58, -38.64
CIELCh	66, 53.901, 314.202
Yxy	35.7041, 0.2839, 0.2208
Android (android.graphics.Color)	4290939879 (0xFFC28BE7)
YUV	165.9330, 32.0780, 24.6148
Hunter-Lab	59.7529, 32.5632, -37.6261

# Details

The Hex color **C28BE7** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B0E78B**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FCC1FF**, and **8B58AF** is the 20% darker color. If you saturate the color by 10%, you get **B974E7**, and if you desaturate by 10%, it is **CBA2E7**.

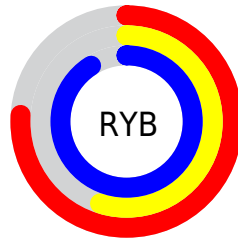
# Distribution



Red (76%)

Green (55%)

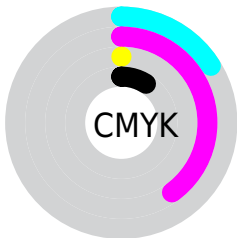
Blue (91%)



Red (76%)

Yellow (55%)

Blue (91%)

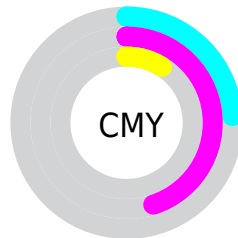


Cyan (16%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (45%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C28BE7 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 C28BE7 by changing the saturation by 10% instead.



 C28BE7

 C28BE7

FFFFFF

 A671CB

 FCC1FF

 8B58AF

 FFDEFF

 703F94

 FFFAFF

 56277A

 3D0E61

 230048

 080031

 00011B

 000000

 C28BE7

 C28BE7

 B974E7

 CBA2E7

 AF5DE7

 D5B9E7

 A646E7

 DED0E7

 9D2FE7

 E7E7E7

 9417E7

 F0FEE7

 8A00E7

 FAFFE7

 FFFFE7

# Harmonies

## Analogous

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



769EFF



C28BE7



ED7ABD

# Triad

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



C28BE7



D29541



00B9B7

# Complementary

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



C28BE7



B0E78B

# 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.



00B885



C28BE7



A6A63E

# Square

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



C28BE7



F08360



70B159



00B6E4

# Rectangle

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



C28BE7



FA769C



70B159



00B9A7



# Sweetspot

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



C28BE7



F3E0FF



8BB1E7



786E80



000000



808080



# Same Dimension

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



C28BE7



CE85FF



E78BDF



6E6773



6B00B3



1E0033



# Inverse Universe

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



E78BB0



FF85B6



8BE793



73676C



B30048

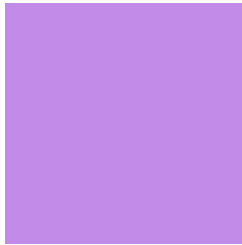


330015



# Previews

## White Background



This preview shows how the Hex color C28BE7 looks on a white background.

## Color Contrast Check

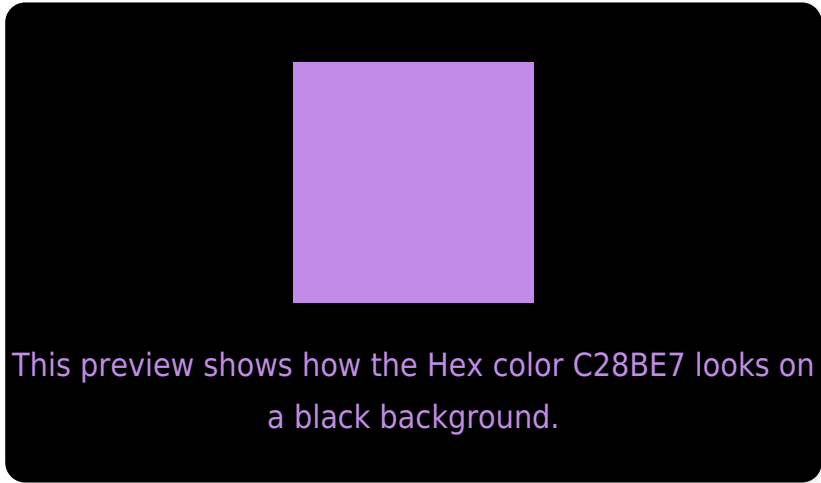
Large Text (above 18pt) WCAG AA × Fail

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

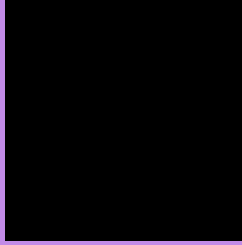
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C28BE7 Background



This preview shows how black text looks on a background with the Hex color C28BE7.

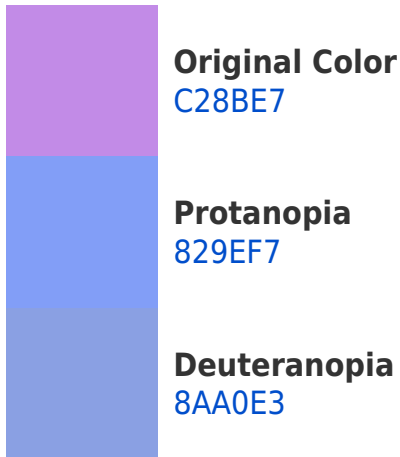


This preview shows how white text looks on a background with the Hex color C28BE7.

# 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](#).

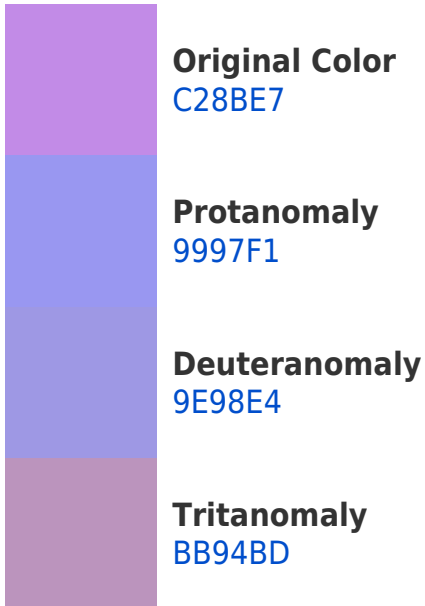
## Dichromacy





**Tritanopia**  
B799A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C28BE7 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 #C28BE7 looks like.

```
.text, #text, p{  
    color:#C28BE7  
}
```

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 #C28BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C28BE7
}
```

## Border

The CSS property to change the border of an element to Hex C28BE7 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
#C28BE7 }
```

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

```
.border{ border-color:#C28BE7 }
```

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

Here you see how a box with a 4 pixel #C28BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C28BE7; -webkit-box-shadow:4px 4px  
4px 4px #C28BE7; box-shadow:4px 4px 4px  
4px #C28BE7 }
```

# Background

The CSS property to change the background color of an element to Hex C28BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C28BE7 }
```

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

```
.background{ background-color:#C28BE7 }
```

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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