

# Converting Colors

Hex(E28DC7)

Have a look what the booklet for  
Hex(E28DC7) contains.

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# **Color**

**Hex(E28DC7)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E28DC7                     |
| RGB         | 226, 141, 199              |
| RGB Percent | 89%, 55%, 78%              |
| CMY         | 0.1137, 0.4471, 0.2196     |
| CMYK        | 0.00, 0.38, 0.12, 0.11     |
| HSL         | 319°, 59%, 72%             |
| HSV         | 319°, 38%, 89%             |
| XYZ         | 51.1977, 39.3420, 58.9282  |
| YIQ         | 173.0270, 32.0420, 36.0580 |

# Conversions

## Conversions Part 2

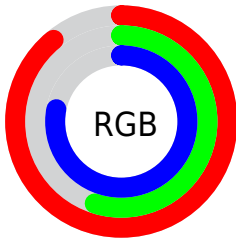
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 226, 141, 199                 |
| Decimal                             | 14847431                      |
| CIE <sub>Lab</sub>                  | 69.00, 40.45, -16.44          |
| CIE <sub>LCh</sub>                  | 69, 43.665, 337.886           |
| Y <sub>xy</sub>                     | 39.3420, 0.3425,<br>0.2632    |
| Android<br>(android.graphics.Color) | 4293037511<br>(0xFFE28DC7)    |
| Y <sub>UV</sub>                     | 173.0270, 12.8047,<br>46.4573 |
| Hunter-Lab                          | 62.7232, 35.9346,<br>-11.7964 |

# Details

The Hex color **E28DC7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8DE2A8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC4FF**, and **A95991** is the 20% darker color. If you saturate the color by 10%, you get **E276C0**, and if you desaturate by 10%, it is **E2A4CE**.

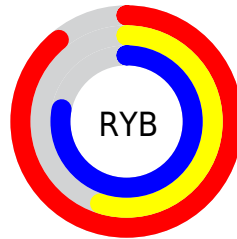
# Distribution



Red (89%)

Green (55%)

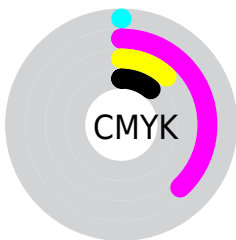
Blue (78%)



Red (89%)

Yellow (55%)

Blue (78%)

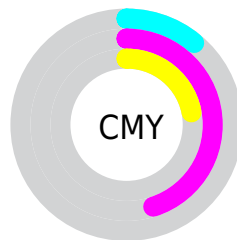


Cyan (0%)

Magenta (38%)

Yellow (12%)

Black (11%)



Cyan (11%)

Magenta (45%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E28DC7 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 E28DC7 by changing the saturation by 10% instead.



 E28DC7

 E28DC7

FFFFFF

 C573AC

 FFC4FF

 A95991

 FFE0FF

 8E3F77

 FFFDFD

 73265E

 590847

 400030

 2A001C

 000000

 E28DC7

 E28DC7

 E276C0

 E2A4CE

 E260B9

 E2BAD5

 E249B1

 E2D1DD

 E233AA

 E2E7E4

 E21CA3

 E2FEEB

 E2059C

 E2FFF2

 E2009A

 E2FFF9

 E2FFFF

# Harmonies

## Analogous

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



BA9AE7



E28DC7



F3889F

# Triad

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



E28DC7



B7AA58



00BBD8

# Complementary

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



E28DC7



8DE2A8

# 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.



00BDB2



E28DC7



8DB468

# Square

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



E28DC7



D99C5F



59BB89



15B4F1

# Rectangle

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



E28DC7



F38B86



59BB89



00BCCC



# Sweetspot

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



E28DC7



FFE3F6



A88DE2



806F7A



000000



808080



# Same Dimension

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



E28DC7



FF8CDB



E28D9D



70656D



B00078



300021



# Inverse Universe

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



E28DC7



FF8CDB



8DE2D2



70656D



B00078

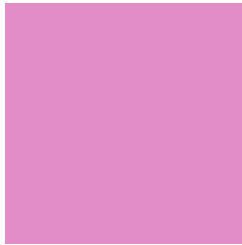


300021



# Previews

## White Background



This preview shows how the Hex color E28DC7 looks on a white background.

## Color Contrast Check

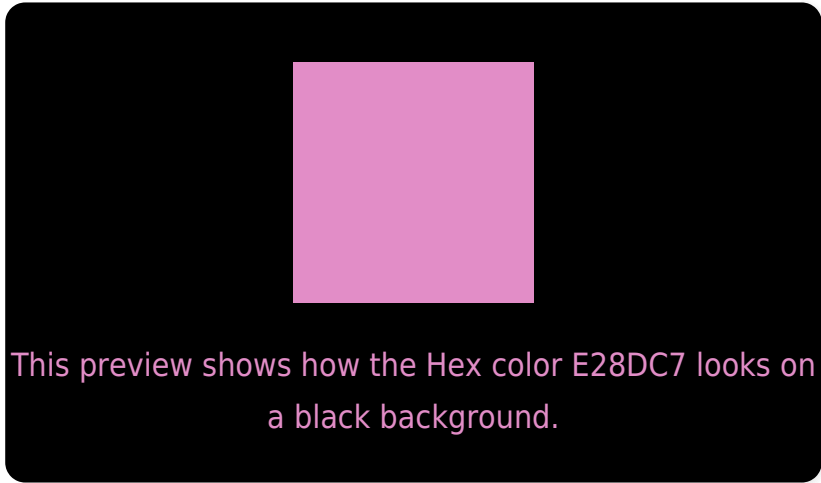
Large Text (above 18pt) WCAG AA × Fail

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 E28DC7 Background



This preview shows how black text looks on a background with the Hex color E28DC7.

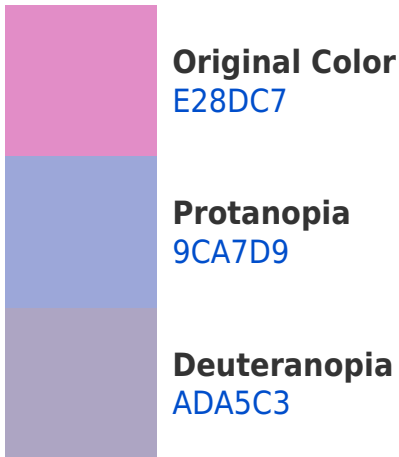



This preview shows how white text looks on a background with the Hex color E28DC7.

# 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**  
DD95A0

# Trichromacy



**Original Color**  
E28DC7



**Protanomaly**  
B59ED2



**Deuteranomaly**  
C09CC4

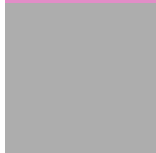


**Tritanomaly**  
DF92AE

# Monochromacy



**Original Color**  
E28DC7



**Achromatopsia**  
ADADAD



**Achromatomaly**  
C0A1B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E28DC7 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 #E28DC7 looks like.

```
.text, #text, p{  
    color:#E28DC7  
}
```

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 #E28DC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E28DC7
}
```

## Border

The CSS property to change the border of an element to Hex E28DC7 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
#E28DC7 }
```

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

```
.border{ border-color:#E28DC7 }
```

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

Here you see how a box with a 4 pixel #E28DC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E28DC7; -webkit-box-shadow:4px 4px  
4px 4px #E28DC7; box-shadow:4px 4px 4px  
4px #E28DC7 }
```

# Background

The CSS property to change the background color of an element to Hex E28DC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E28DC7 }
```

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

```
.background{ background-color:#E28DC7 }
```

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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