

# Converting Colors

Hex(E2D0E8)

Have a look what the booklet for  
Hex(E2D0E8) contains.

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# **Color**

**Hex(E2D0E8)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E2D0E8                    |
| RGB         | 226, 208, 232             |
| RGB Percent | 89%, 82%, 91%             |
| CMY         | 0.1137, 0.1843, 0.0902    |
| CMYK        | 0.03, 0.10, 0.00, 0.09    |
| HSL         | 285°, 34%, 86%            |
| HSV         | 285°, 10%, 91%            |
| XYZ         | 68.4854, 67.1067, 85.6872 |
| YIQ         | 216.1180, 3.0240, 11.2800 |

# Conversions

## Conversions Part 2

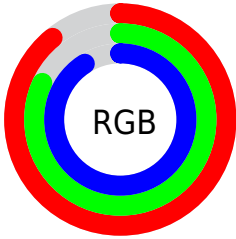
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| R <sub>Y</sub> B                    | 226, 208, 232               |
| Decimal                             | 14864616                    |
| CIE Lab                             | 85.56, 10.50, -9.55         |
| CIE LCh                             | 86, 14.196, 317.723         |
| Yxy                                 | 67.1067, 0.3095,<br>0.3033  |
| Android<br>(android.graphics.Color) | 4293054696<br>(0xFFE2D0E8)  |
| YUV                                 | 216.1180, 7.8298,<br>8.6665 |
| Hunter-Lab                          | 81.9187, 5.8713,<br>-4.6745 |

# Details

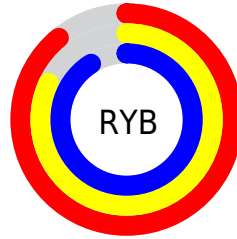
The Hex color **E2D0E8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **D6E8D0**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFFF**, and **AB9AB0** is the 20% darker color. If you saturate the color by 10%, you get **DCB9E8**, and if you desaturate by 10%, it is **E8E7E8**.

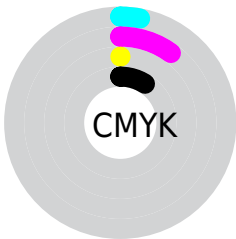
# Distribution



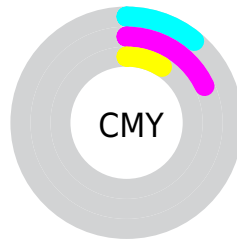
- Red (89%)
- Green (82%)
- Blue (91%)



- Red (89%)
- Yellow (82%)
- Blue (91%)



- Cyan (3%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (18%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2D0E8 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 E2D0E8 by changing the saturation by 10% instead.



 E2D0E8

FFFFFF

 E2D0E8

 C6B4CC

 AB9AB0

 908096

 76677C

 5E4F63

 46384B

 2F2234

 1B0D1F

 000005

 E2D0E8

 E2D0E8

 DCB9E8

 E8E7E8

 D6A2E8

 EEFE8

 D18AE8

 F3FFE8

 CB73E8


 F9FFE8

 C55CE8

 FFFFE8

 BF45E8

 B92EE8

 B416E8

 AE00E8

# Harmonies

## Analogous

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



D2D4EF



E2D0E8



EECDDC

# Triad

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



E2D0E8



E6D3BC



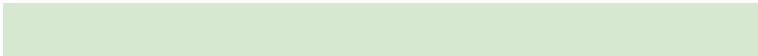
B4DEDD

# Complementary

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



E2D0E8



D6E8D0

# 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.



BBDDDD



E2D0E8



D8D7BC

# Square

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



E2D0E8



F0CFC2



C9DBC3



B6DCE9

# Rectangle

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



E2D0E8



F2CDD3



C9DBC3



B6DED9



# Sweetspot

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



E2D0E8



FDF7FF



D0D6E8



7E7A80



000000



808080



# Same Dimension

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



E2D0E8



F7E0FF



E8D0E2



706773



8600B3



260033



# Inverse Universe

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



E8D0D6



FFE0E8



D0E8D6



73676A



B3002D

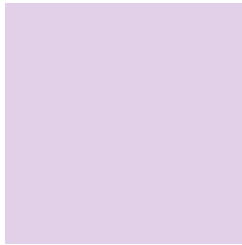


33000D



# Previews

## White Background



This preview shows how the Hex color E2D0E8 looks on a white background.

## Color Contrast Check

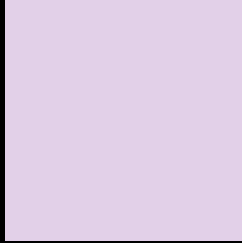
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color E2D0E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

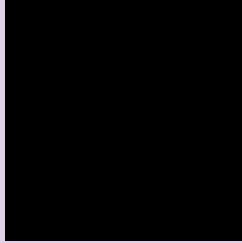
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

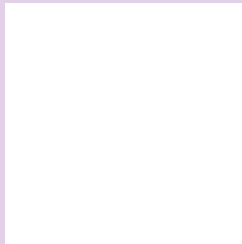
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2D0E8 Background



This preview shows how black text looks on a background with the Hex color E2D0E8.

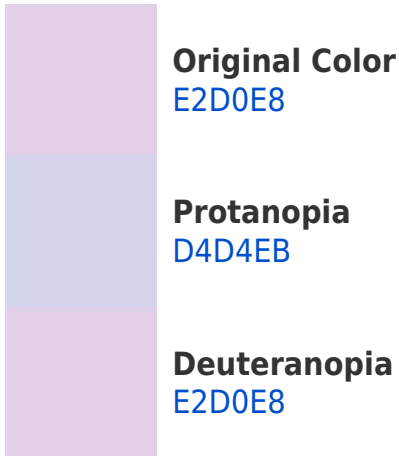


This preview shows how white text looks on a background with the Hex color E2D0E8.

# 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**  
E1D1E2

# Trichromacy



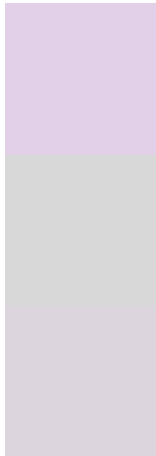
**Original Color**  
E2D0E8

**Protanomaly**  
D9D3EA

**Deuteranomaly**  
E2D0E8

**Tritanomaly**  
E1D1E4

# Monochromacy



**Original Color**  
E2D0E8

**Achromatopsia**  
D8D8D8

**Achromatomaly**  
DCD5DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2D0E8 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 #E2D0E8 looks like.

```
.text, #text, p{  
    color:#E2D0E8  
}
```

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 #E2D0E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D0E8 }  
}
```

## Border

The CSS property to change the border of an element to Hex E2D0E8 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 #E2D0E8 }  
}
```

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

```
.border{ border-color:#E2D0E8 }
```

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

Here you see how a box with a 4 pixel #E2D0E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D0E8; -webkit-box-shadow:4px 4px  
4px 4px #E2D0E8; box-shadow:4px 4px 4px  
4px #E2D0E8 }
```

# Background

The CSS property to change the background color of an element to Hex E2D0E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D0E8 }
```

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

```
.background{ background-color:#E2D0E8 }
```

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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