

# Converting Colors

Hex(E2D0EF)

Have a look what the booklet for  
Hex(E2D0EF) contains.

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# **Color**

**Hex(E2D0EF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2D0EF
RGB	226, 208, 239
RGB Percent	89%, 82%, 94%
CMY	0.1137, 0.1843, 0.0627
CMYK	0.05, 0.13, 0.00, 0.06
HSL	275°, 49%, 88%
HSV	275°, 13%, 94%
XYZ	69.4999, 67.5125, 91.0295
YIQ	216.9160, 0.7770, 13.4570

# Conversions

## Conversions Part 2

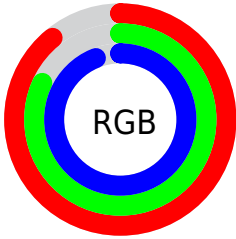
Format	Color
R <sub>Y</sub> B	226, 208, 239
Decimal	14864623
CIE Lab	85.76, 11.83, -12.96
CIE LCh	86, 17.543, 312.384
Yxy	67.5125, 0.3048, 0.2961
Android (android.graphics.Color)	4293054703 (0xFFE2D0EF)
YUV	216.9160, 10.8874, 7.9667
Hunter-Lab	82.1660, 7.1933, -8.1696

# Details

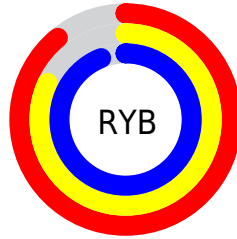
The Hex color **E2D0EF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DDEFD0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **AB9AB7** is the 20% darker color. If you saturate the color by 10%, you get **D8B8EF**, and if you desaturate by 10%, it is **ECE8EF**.

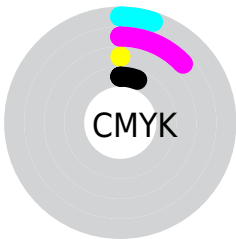
# Distribution



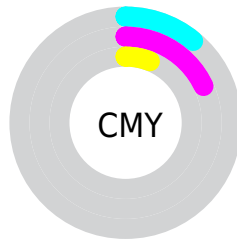
- Red (89%)
- Green (82%)
- Blue (94%)



- Red (89%)
- Yellow (82%)
- Blue (94%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (11%)
- Magenta (18%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2D0EF 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 E2D0EF by changing the saturation by 10% instead.



 E2D0EF

FFFFFF

 E2D0EF

 C6B4D3

 AB9AB7

 90809C

 766782

 5D4E69

 463851

 2F223A

 1A0D24

 00010D

 E2D0EF

 E2D0EF

 D8B8EF

 ECE8EF

 CEA0EF

 F6FFEF

 C488EF

 FFFFEF

 BA70EF

 B058EF

 A641EF

 9C29EF

 9211EF

 8B00EF

# Harmonies

## Analogous

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



CDD5F7



E2D0EF



F2CCE1

# Triad

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



E2D0EF



EDD2B7



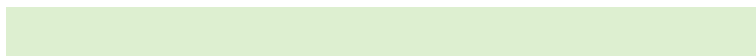
ADE0DD

# Complementary

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



E2D0EF



DDEFD0

# 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.



B8DFCC



E2D0EF



DCD7B6

# Square

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



E2D0EF



F7CDC1



C9DCBE



ADDFEC

# Rectangle

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



E2D0EF



F8CBD6



C9DCBE



AFE0D7



# Sweetspot

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



E2D0EF



FBF5FF



D0DDEF



7D7980



000000



808080



# Same Dimension

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



E2D0EF



EED6FF



EFD0ED



736C78



6B00B8



210038



# Inverse Universe

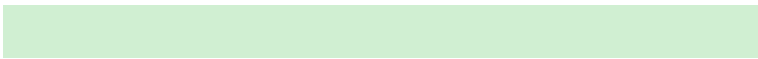
The Inverse Universe completely reimagines the original color for something new.



EFD0DD



FFD6E7



D0EFD2



786C71



B8004D

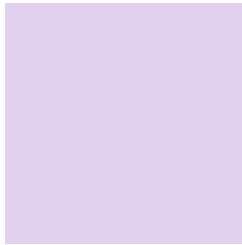


380018



# Previews

## White Background



This preview shows how the Hex color E2D0EF looks on a white background.

## Color Contrast Check

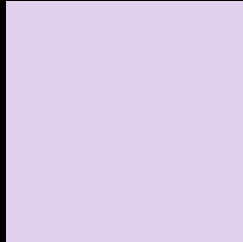
Large Text (above 18pt) WCAG AA × Fail

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 E2D0EF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

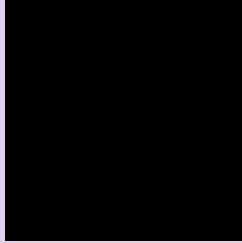
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

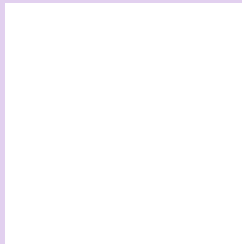
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex E2D0EF Background



This preview shows how black text looks on a background with the Hex color E2D0EF.

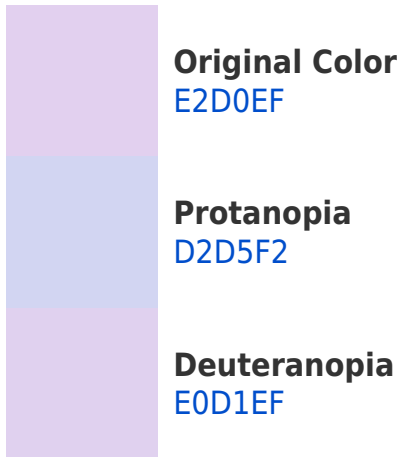


This preview shows how white text looks on a background with the Hex color E2D0EF.

# 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**  
E0D2E3

# Trichromacy



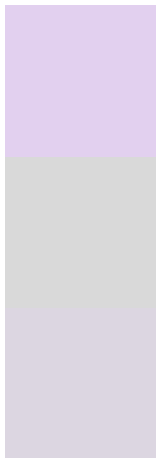
**Original Color**  
E2D0EF

**Protanomaly**  
D8D3F1

**Deuteranomaly**  
E1D1EF

**Tritanomaly**  
E1D1E7

# Monochromacy



**Original Color**  
E2D0EF

**Achromatopsia**  
D9D9D9

**Achromatomaly**  
DCD6E1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2D0EF 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 #E2D0EF looks like.

```
.text, #text, p{  
    color:#E2D0EF  
}
```

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 #E2D0EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2D0EF
}
```

## Border

The CSS property to change the border of an element to Hex E2D0EF 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
#E2D0EF }
```

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

```
.border{ border-color:#E2D0EF }
```

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

Here you see how a box with a 4 pixel #E2D0EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2D0EF; -webkit-box-shadow:4px 4px  
4px 4px #E2D0EF; box-shadow:4px 4px 4px  
4px #E2D0EF }
```

# Background

The CSS property to change the background color of an element to Hex E2D0EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2D0EF }
```

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

```
.background{ background-color:#E2D0EF }
```

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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