

# Converting Colors

Hex(E2C4E9)

Have a look what the booklet for  
Hex(E2C4E9) contains.

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# Color

**Hex(E2C4E9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C4E9
RGB	226, 196, 233
RGB Percent	89%, 77%, 91%
CMY	0.1137, 0.2314, 0.0863
CMYK	0.03, 0.16, 0.00, 0.09
HSL	289°, 46%, 84%
HSV	289°, 16%, 91%
XYZ	65.8119, 61.5318, 85.4990
YIQ	209.1880, 6.0030, 17.8670

# Conversions

## Conversions Part 2

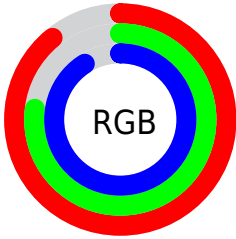
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 196, 233
Decimal	14861545
CIE Lab	82.66, 17.07, -14.40
CIE LCh	83, 22.334, 319.837
Yxy	61.5318, 0.3092, 0.2891
Android (android.graphics.Color)	4293051625 (0xFFE2C4E9)
YUV	209.1880, 11.7393, 14.7441
Hunter-Lab	78.4422, 12.4852, -9.7142

# Details

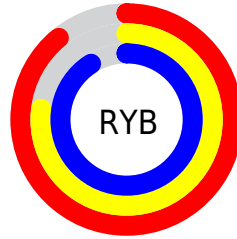
The Hex color **E2C4E9** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **CBE9C4**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFDFFF**, and **AA8EB1** is the 20% darker color. If you saturate the color by 10%, you get **DEADE9**, and if you desaturate by 10%, it is **E6DBE9**.

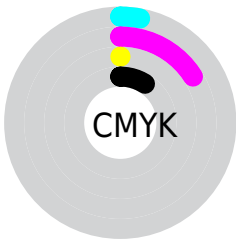
# Distribution



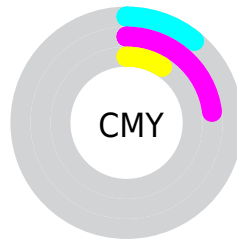
- Red (89%)
- Green (77%)
- Blue (91%)



- Red (89%)
- Yellow (77%)
- Blue (91%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (23%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E2C4E9 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 E2C4E9 by changing the saturation by 10% instead.



 E2C4E9

FFFFFF

 FFFDFD

 E2C4E9

 C6A9CD

 AA8EB1

 907597

 765C7D

 5D4464

 452E4C

 2E1835

 1B0020

 000004

 E2C4E9

 E2C4E9

 DEADE9

 E6DBE9

 D995E9

 EBF3E9

 D57EE9

 EFFF E9

 D067E9

 F4FFE9

 CC50E9

 F8FFE9

 C838E9

 FCFFE9

 C321E9

 FFFF E9

 BF0AE9

 BD00E9

# Harmonies

## Analogous

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



C8CBF5



E2C4E9



F4C0D6

# Triad

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



E2C4E9



E5CAA5



95DADB

# Complementary

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



E2C4E9



CBE9C4

# 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.



A2D9C6



E2C4E9



CFD1A6

# Square

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



E2C4E9



F4C3AF



B7D6B2



99D7ED

# Rectangle

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



E2C4E9



F9BFC7



B7D6B2



98DAD4



# Sweetspot

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



E2C4E9



FDF2FF



C4CBE9



7E7880



000000



808080



# Same Dimension

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



E2C4E9



F6CFFF



E9C4DE



736A75



9300B5



2B0036



# Inverse Universe

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



E9C4CB



FFCFD8



C4E9CF



756A6C



B50022



36000A



# Previews

## White Background



This preview shows how the Hex color E2C4E9 looks on a white background.

## Color Contrast Check

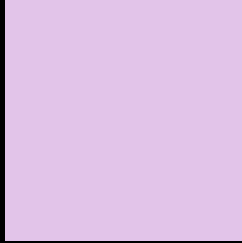
Large Text (above 18pt) WCAG AA × Fail

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 E2C4E9 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 E2C4E9 Background



This preview shows how black text looks on a background with the Hex color E2C4E9.

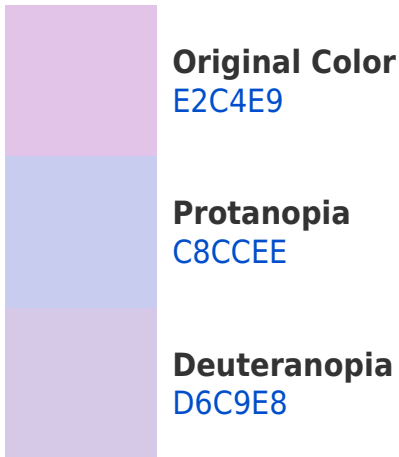


This preview shows how white text looks on a background with the Hex color E2C4E9.

# 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**  
DFC7D7

# Trichromacy



**Original Color**  
E2C4E9

**Protanomaly**  
D1C9EC

**Deuteranomaly**  
DAC7E8

**Tritanomaly**  
E0C6DE

# Monochromacy



**Original Color**  
E2C4E9

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
D7CCDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E2C4E9 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 #E2C4E9 looks like.

```
.text, #text, p{  
    color:#E2C4E9  
}
```

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 #E2C4E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2C4E9
}
```

## Border

The CSS property to change the border of an element to Hex E2C4E9 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
#E2C4E9 }
```

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

```
.border{ border-color:#E2C4E9 }
```

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

Here you see how a box with a 4 pixel #E2C4E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2C4E9; -webkit-box-shadow:4px 4px  
4px 4px #E2C4E9; box-shadow:4px 4px 4px  
4px #E2C4E9 }
```

# Background

The CSS property to change the background color of an element to Hex E2C4E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2C4E9 }
```

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

```
.background{ background-color:#E2C4E9 }
```

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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