

# Converting Colors

Hex(EC7CD9)

Have a look what the booklet for  
Hex(EC7CD9) contains.

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# **Color**

**Hex(EC7CD9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC7CD9
RGB	236, 124, 217
RGB Percent	93%, 49%, 85%
CMY	0.0745, 0.5137, 0.1490
CMYK	0.00, 0.47, 0.08, 0.07
HSL	310°, 75%, 71%
HSV	310°, 47%, 93%
XYZ	54.3241, 37.2579, 69.9739
YIQ	168.0900, 36.8990, 52.6670

# Conversions

## Conversions Part 2

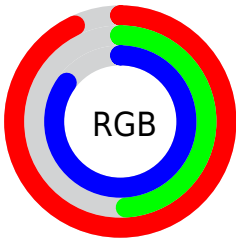
Format	Color
R <sub>Y</sub> B	236, 124, 217
Decimal	15498457
CIE <sub>Lab</sub>	67.47, 55.16, -28.68
CIE <sub>LCh</sub>	67, 62.168, 332.528
Yxy	37.2579, 0.3363, 0.2306
Android (android.graphics.Color)	4293688537 (0xFFEC7CD9)
YUV	168.0900, 24.1126, 59.5571
Hunter-Lab	61.0393, 52.0438, -25.2411

# Details

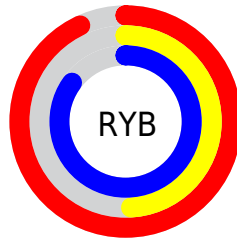
The Hex color **EC7CD9** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7CEC8F**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFB4FF**, and **B246A2** is the 20% darker color. If you saturate the color by 10%, you get **EC64D5**, and if you desaturate by 10%, it is **EC94DD**.

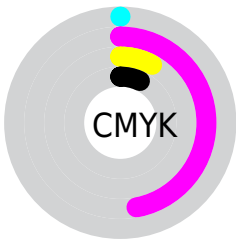
# Distribution



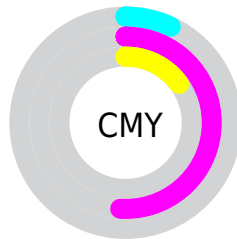
- Red (93%)
- Green (49%)
- Blue (85%)



- Red (93%)
- Yellow (49%)
- Blue (85%)



- Cyan (0%)
- Magenta (47%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (51%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC7CD9 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 EC7CD9 by changing the saturation by 10% instead.



 EC7CD9

 EC7CD9

FFFFFF

 CF61BD

 FFB4FF

 B246A2

 FFD0FF

 962987

 FFEDFF

 7A006E

 5F0055

 45003E

 2D0027

 000010

 000000

 EC7CD9

 EC7CD9

 EC64D5

 EC94DD

 EC4DD1

 ECABE1

 EC35CD

 ECC3E5

 EC1EC9

 ECDAE9

 EC06C5

 ECF2ED

 EC00C4

 ECFFF1

 ECFFF5

 ECFFF9

 ECFFFD

# Harmonies

## Analogous

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



AC93FF



EC7CD9



FF70A2

# Triad

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



EC7CD9



BDA329



00BEDF

# Complementary

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



EC7CD9



7CEC8F

# 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.



00BFA7



EC7CD9



84B23E

# Square

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



EC7CD9



EA8E3F



27BB6E



00B7FF

# Rectangle

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



EC7CD9



FF747D



27BB6E



00BFCE



# Sweetspot

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



EC7CD9



FFDBF9



8F7CEC



806A7C



000000



808080



# Same Dimension

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



EC7CD9



FF6EE6



EC7CA1



756A73



B50096



36002C



# Inverse Universe

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



EC7CD9



FF6EE6



7CECC7



756A73



B50096



36002C



# Previews

## White Background



This preview shows how the Hex color EC7CD9 looks on a white background.

## Color Contrast Check

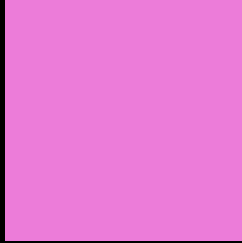
Large Text (above 18pt) WCAG AA × Fail

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 EC7CD9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

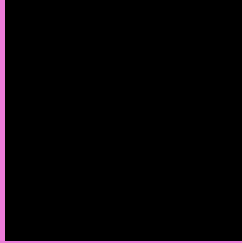
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex EC7CD9 Background



This preview shows how black text looks on a background with the Hex color EC7CD9.

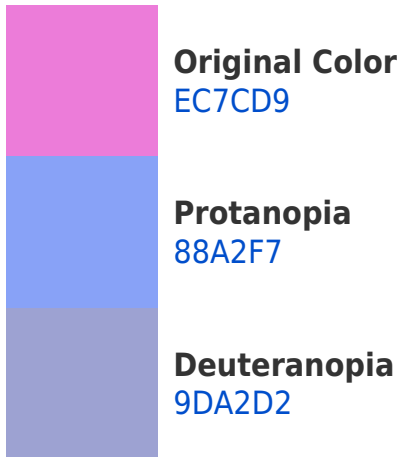


This preview shows how white text looks on a background with the Hex color EC7CD9.

# 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**  
E48B95

# Trichromacy



**Original Color**  
EC7CD9



**Protanomaly**  
AC94EC



**Deuteranomaly**  
BA94D5



**Tritanomaly**  
E786AE

# Monochromacy



**Original Color**  
EC7CD9



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
C198BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC7CD9 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 #EC7CD9 looks like.

```
.text, #text, p{  
    color:#EC7CD9  
}
```

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 #EC7CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7CD9
}
```

## Border

The CSS property to change the border of an element to Hex EC7CD9 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
#EC7CD9 }
```

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

```
.border{ border-color:#EC7CD9 }
```

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

Here you see how a box with a 4 pixel #EC7CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7CD9; -webkit-box-shadow:4px 4px  
4px 4px #EC7CD9; box-shadow:4px 4px 4px  
4px #EC7CD9 }
```

# Background

The CSS property to change the background color of an element to Hex EC7CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7CD9 }
```

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

```
.background{ background-color:#EC7CD9 }
```

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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