

Converting Colors

Hex(EC7BE7)

Have a look what the booklet for
Hex(EC7BE7) contains.

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Color

Hex(**EC7BE7**)

Conversions

Conversions Part 1

Format	Color
Hex	EC7BE7
RGB	236, 123, 231
RGB Percent	93%, 48%, 91%
CMY	0.0745, 0.5176, 0.0941
CMYK	0.00, 0.48, 0.02, 0.07
HSL	303°, 75%, 70%
HSV	303°, 48%, 93%
XYZ	56.0988, 37.7683, 79.9346
YIQ	169.0990, 32.6800, 57.5440

Conversions

Conversions Part 2

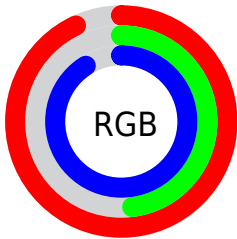
Format	Color
R _Y B	236, 123, 231
Decimal	15498215
CIE Lab	67.85, 57.99, -35.85
CIE LCh	68, 68.181, 328.274
Yxy	37.7683, 0.3228, 0.2173
Android (android.graphics.Color)	4293688295 (0xFFEC7BE7)
YUV	169.0990, 30.5172, 58.6722
Hunter-Lab	61.4559, 55.3924, -34.0983

Details

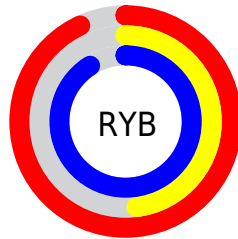
The Hex color **EC7BE7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BEC80**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFB3FF**, and **B244AF** is the 20% darker color. If you saturate the color by 10%, you get **EC63E6**, and if you desaturate by 10%, it is **EC93E8**.

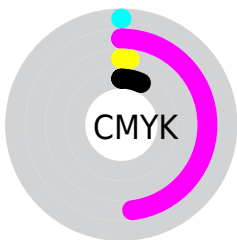
Distribution



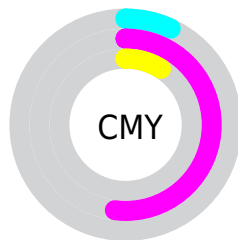
- Red (93%)
- Green (48%)
- Blue (91%)



- Red (93%)
- Yellow (48%)
- Blue (91%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (52%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7BE7 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 EC7BE7 by changing the saturation by 10% instead.

 EC7BE7

 EC7BE7

FFFFFF

 CF60CB

 FFB3FF

 B244AF

 FFCFFF

 962694

 FFEDFF

 7A007A

 5F0061

 440048

 2C0032

 00001B

 000000

 EC7BE7

 EC7BE7

 EC63E6

 EC93E8

 EC4CE5

 ECAA E9

 EC34E4

 ECC2EA

 EC1DE3

 ECD9EB

 EC05E2

 ECF1EC

 EC00E2

 ECF FED

 ECF FEE

 ECF FE F

 ECF FF0

Harmonies

Analogous

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



9E96FF



EC7BE7



FF69AC

Triad

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



EC7BE7



C7A115



00C2DE

Complementary

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



EC7BE7



7BEC80

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.



00C2A0



EC7BE7



8BB32C

Square

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



EC7BE7



F6893A



27BD61



00BCFF

Rectangle

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



EC7BE7



FF6C82



27BD61



00C2CA

Sweetspot

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



EC7BE7



FFDBFD



7F7BEC



806A7F



000000



808080

Same Dimension

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



EC7BE7



FF6EF9



EC7BB0



756A75



B500AD



360033

Inverse Universe

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



EC7BE7



FF6EF9



7BECB7



756A75



B500AD



360033

Previews

White Background



This preview shows how the Hex color EC7BE7 looks on a white background.

Color Contrast Check

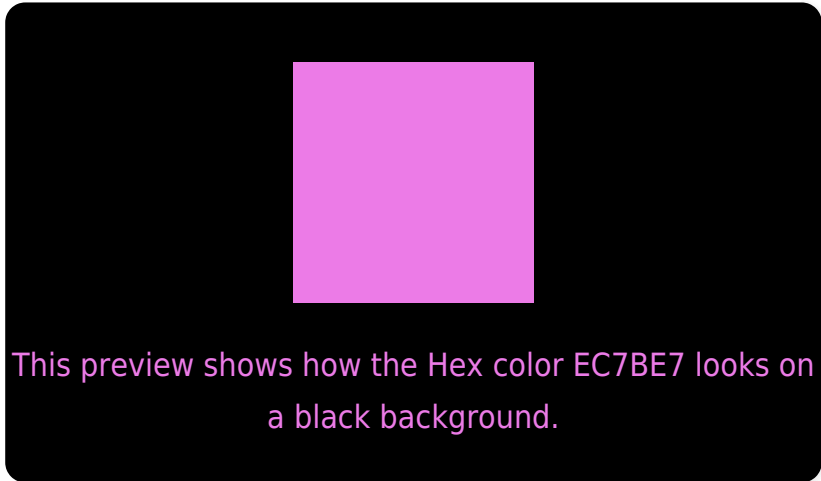
Large Text (above 18pt) WCAG AA × Fail

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

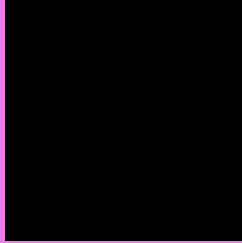
Any Text WCAG AA ✓ Pass

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 EC7BE7 Background



This preview shows how black text looks on a background with the Hex color EC7BE7.

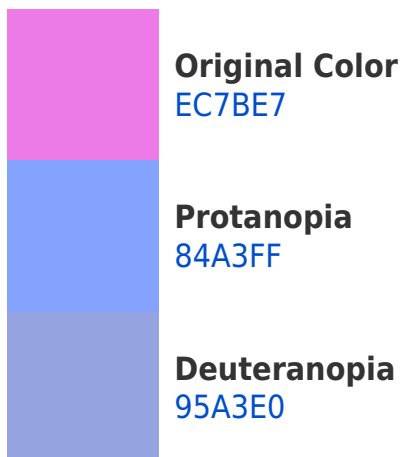


This preview shows how white text looks on a background with the Hex color EC7BE7.

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
E28D98

Trichromacy



Original Color
EC7BE7



Protanomaly
AA94F6



Deuteranomaly
B594E3



Tritanomaly
E686B5

Monochromacy



Original Color
EC7BE7



Achromatopsia
A9A9A9



Achromatomaly
C198C0

CSS Examples

Text

The CSS property to change the color of the text to Hex EC7BE7 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 #EC7BE7 looks like.

```
.text, #text, p{  
    color:#EC7BE7  
}
```

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 #EC7BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7BE7
}
```

Border

The CSS property to change the border of an element to Hex EC7BE7 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
#EC7BE7 }
```

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

```
.border{ border-color:#EC7BE7 }
```

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

Here you see how a box with a 4 pixel #EC7BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7BE7; -webkit-box-shadow:4px 4px  
4px 4px #EC7BE7; box-shadow:4px 4px 4px  
4px #EC7BE7 }
```

Background

The CSS property to change the background color of an element to Hex EC7BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7BE7 }
```

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

```
.background{ background-color:#EC7BE7 }
```

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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