

# Converting Colors

Hex(ED7BC8)

Have a look what the booklet for  
Hex(ED7BC8) contains.

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# Color

Hex(ED7BC8)

# Conversions

## Conversions Part 1

Format	Color
Hex	ED7BC8
RGB	237, 123, 200
RGB Percent	93%, 48%, 78%
CMY	0.0706, 0.5176, 0.2157
CMYK	0.00, 0.48, 0.16, 0.07
HSL	319°, 76%, 71%
HSV	319°, 48%, 93%
XYZ	52.4333, 36.3406, 58.8945
YIQ	165.8640, 43.2270, 48.1150

# Conversions

## Conversions Part 2

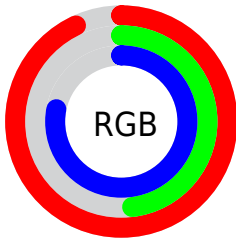
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 123, 200
Decimal	15563720
CIE <sub>Lab</sub>	66.78, 53.26, -20.23
CIE <sub>LCh</sub>	67, 56.977, 339.201
Yxy	36.3406, 0.3551, 0.2461
Android (android.graphics.Color)	4293753800 (0xFFED7BC8)
YUV	165.8640, 16.8290, 62.3863
Hunter-Lab	60.2831, 49.7610, -15.7260

# Details

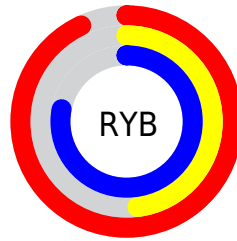
The Hex color **ED7BC8** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7BEDA0**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFB2FF**, and **B34592** is the 20% darker color. If you saturate the color by 10%, you get **ED63C0**, and if you desaturate by 10%, it is **ED93D0**.

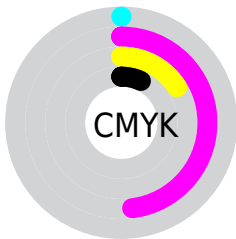
# Distribution



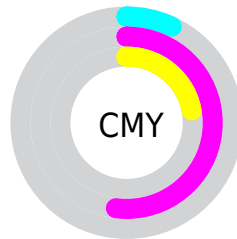
- Red (93%)
- Green (48%)
- Blue (78%)



- Red (93%)
- Yellow (48%)
- Blue (78%)



- Cyan (0%)
- Magenta (48%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (52%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ED7BC8 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 ED7BC8 by changing the saturation by 10% instead.



 ED7BC8

 ED7BC8

FFFFFF

 D060AD

 FFB2FF

 B34592

 FFCFFF

 962878

 FFECCF

 7B005F

 600047

 450031

 2D001C

 000000

 ED7BC8

 ED7BC8

 ED63C0

 ED93D0

 ED4CB9

 EDAAD7

 ED34B1

 EDC2DF

 ED1CA9

 EDDAE7

 ED04A2

 EDF2EE

 ED00A0

 EDFFF6

 EDFFFE

 EDFFFF

# Harmonies

## Analogous

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



BA8EF2



ED7BC8



FF7495

# Triad

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



ED7BC8



B0A536



00BAE2

# Complementary

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



ED7BC8



7BEDA0

# 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.



00BCB1



ED7BC8



79B24F

# Square

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



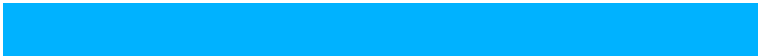
ED7BC8



DC9340



11B97C



00B2FF

# Rectangle

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



ED7BC8



FE7A73



11B97C



00BBD3



# Sweetspot

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



ED7BC8



FFDBF3



9F7BED



806A78



000000



808080



# Same Dimension

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



ED7BC8



FF6BCF



ED7B90



756A71



B5007A



360024



# Inverse Universe

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



ED7BC8



FF6BCF



7BEDD8



756A71



B5007A

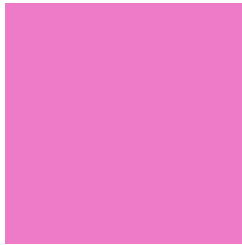


360024



# Previews

## White Background



This preview shows how the Hex color ED7BC8 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 ED7BC8 Background



This preview shows how black text looks on a background with the Hex color ED7BC8.

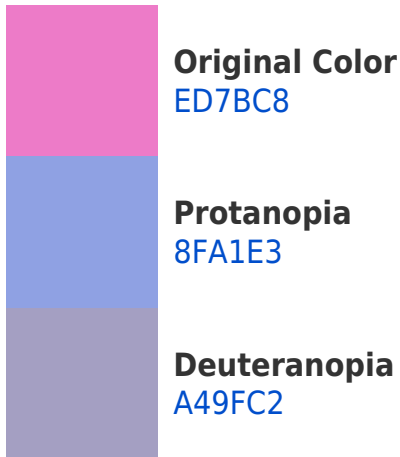


This preview shows how white text looks on a background with the Hex color ED7BC8.

# 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**  
E78791

# Trichromacy



**Original Color**  
ED7BC8



**Protanomaly**  
B193D9



**Deuteranomaly**  
BF92C4

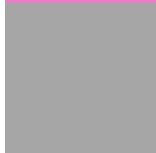


**Tritanomaly**  
E983A5

# Monochromacy



**Original Color**  
ED7BC8



**Achromatopsia**  
A6A6A6



**Achromatomaly**  
C096B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ED7BC8 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 #ED7BC8 looks like.

```
.text, #text, p{  
    color:#ED7BC8  
}
```

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 #ED7BC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7BC8
}
```

## Border

The CSS property to change the border of an element to Hex ED7BC8 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
#ED7BC8 }
```

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

```
.border{ border-color:#ED7BC8 }
```

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

Here you see how a box with a 4 pixel #ED7BC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7BC8; -webkit-box-shadow:4px 4px  
4px 4px #ED7BC8; box-shadow:4px 4px 4px  
4px #ED7BC8 }
```

# Background

The CSS property to change the background color of an element to Hex ED7BC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7BC8 }
```

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

```
.background{ background-color:#ED7BC8 }
```

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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