

Converting Colors

Hex(EC7EED)

Have a look what the booklet for
Hex(EC7EED) contains.

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Color

Hex(EC7EED)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EC7EED |
| RGB | 236, 126, 237 |
| RGB Percent | 93%, 49%, 93% |
| CMY | 0.0745, 0.5059, 0.0706 |
| CMYK | 0.00, 0.47, 0.00, 0.07 |
| HSL | 299°, 76%, 71% |
| HSV | 299°, 47%, 93% |
| XYZ | 57.3390, 38.8690, 84.6011 |
| YIQ | 171.5440, 29.9290, 57.8410 |

Conversions

Conversions Part 2

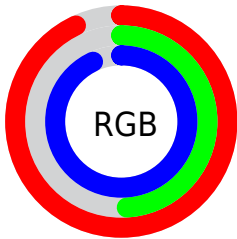
| Format | Color |
|-------------------------------------|--|
| RYB | 236, 126, 237 |
| Decimal | 15498989 |
| CIELab | 68.66, 57.58, -37.91 |
| CIElCh | 69, 68.941, 326.643 |
| Yxy | 38.8690, 0.3171, 0.2150 |
| Android (android.graphics.Color) | 4293689069 (0xFFEC7EED) |
| YUV | 171.5440, 32.2698, 56.5279 |
| Hunter-Lab | 62.3450, 55.0635, -36.8140 |

Details

The Hex color **EC7EED** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **7FED7E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFB6FF**, and **B247B5** is the 20% darker color. If you saturate the color by 10%, you get **EC66ED**, and if you desaturate by 10%, it is **EC96ED**.

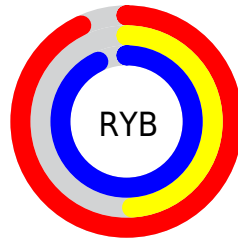
Distribution



Red (93%)

Green (49%)

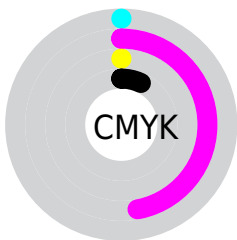
Blue (93%)



Red (93%)

Yellow (49%)

Blue (93%)

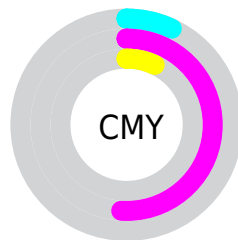


Cyan (0%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (7%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC7EED 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 EC7EED by changing the saturation by 10% instead.

 EC7EED

 EC7EED

FFFFFF

 CF63D1

 FFB6FF

 B247B5

 FFD2FF

 962A9A

 FFF0FF

 7A017F

 5F0066

 44004D

 2D0036

 01001F

 000003

 EC7EED

 EC7EED

 EC66ED

 EC96ED

 EC4FED

 ECADED

 EB37ED

 EDC5ED

 EB1FED

 EDDDED

 EB07ED

 EDF4ED

 EB00ED

 EDF FED

 EEFFED

Harmonies

Analogous

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



9A9AFF



EC7EED



FF6BB1

Triad

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



EC7EED



CDA216



00C4DE

Complementary

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



EC7EED



7FED7E

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.



00C49E



EC7EED



90B42A

Square

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



EC7EED



FB893E



32BF5F



00BFFF

Rectangle

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



EC7EED



FF6C87



32BF5F



00C5C9

Sweetspot

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



EC7EED



FFDBFF



7E80ED



7F6A80



000000



808080

Same Dimension

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



EC7EED



FE70FF



ED7EB7



756A75



B300B5



350036

Inverse Universe

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



ED7E7F



FF7071



7EEDB4



756A6A



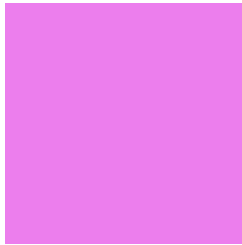
B50002



360000

Previews

White Background



This preview shows how the Hex color EC7EED looks on a white background.

Color Contrast Check

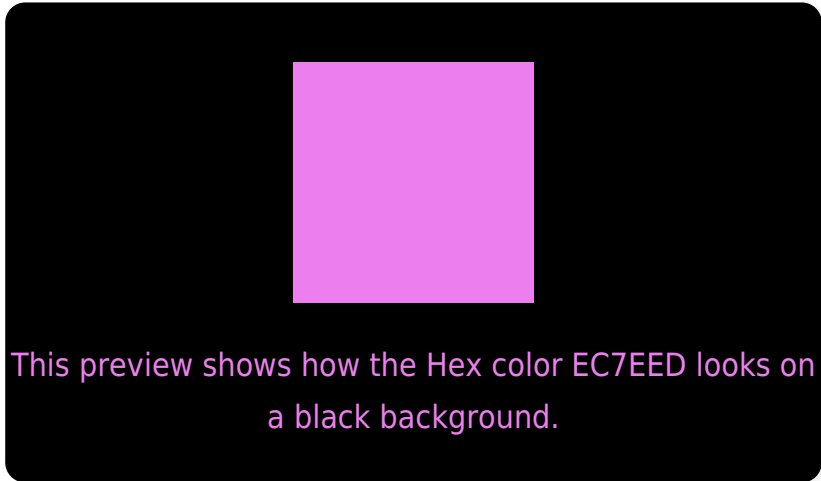
Large Text (above 18pt) WCAG AA × Fail

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

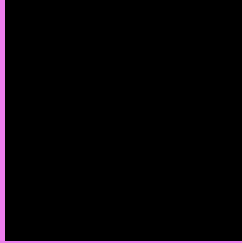
Any Text WCAG AA ✓ Pass

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 EC7EED Background



This preview shows how black text looks on a background with the Hex color EC7EED.

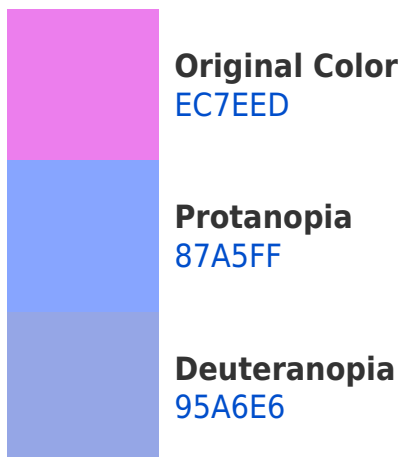



This preview shows how white text looks on a background with the Hex color EC7EED.

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](#).

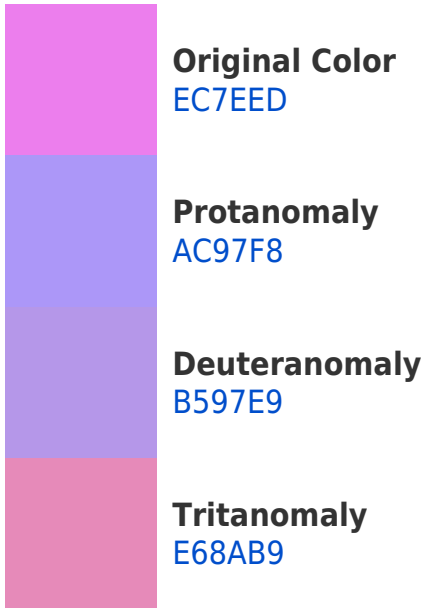
Dichromacy



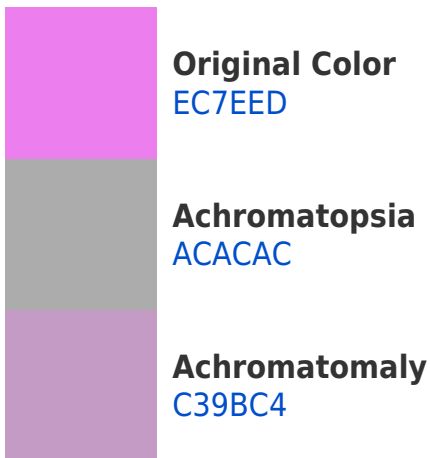


Tritanopia
E2919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EC7EED 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 #EC7EED looks like.

```
.text, #text, p{  
    color:#EC7EED  
}
```

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 #EC7EED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC7EED
}
```

Border

The CSS property to change the border of an element to Hex EC7EED 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
#EC7EED }
```

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

```
.border{ border-color:#EC7EED }
```

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

Here you see how a box with a 4 pixel #EC7EED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC7EED; -webkit-box-shadow:4px 4px  
4px 4px #EC7EED; box-shadow:4px 4px 4px  
4px #EC7EED }
```

Background

The CSS property to change the background color of an element to Hex EC7EED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC7EED }
```

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

```
.background{ background-color:#EC7EED }
```

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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