

# Converting Colors

Hex(EC74E2)

Have a look what the booklet for  
Hex(EC74E2) contains.

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# Color

Hex(**EC74E2**)

# Conversions

## Conversions Part 1

Format	Color
Hex	EC74E2
RGB	236, 116, 226
RGB Percent	93%, 45%, 89%
CMY	0.0745, 0.5451, 0.1137
CMYK	0.00, 0.51, 0.04, 0.07
HSL	305°, 76%, 69%
HSV	305°, 51%, 93%
XYZ	54.5649, 35.8146, 75.9885
YIQ	164.4200, 36.2100, 59.6500

# Conversions

## Conversions Part 2

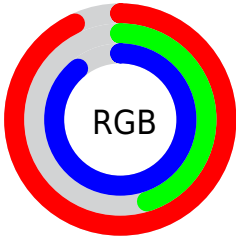
Format	Color
R <sub>Y</sub> B	236, 116, 226
Decimal	15496418
CIE <sub>Lab</sub>	66.38, 60.48, -35.37
CIE <sub>LCh</sub>	66, 70.061, 329.678
Yxy	35.8146, 0.3280, 0.2153
Android (android.graphics.Color)	4293686498 (0xFFEC74E2)
YUV	164.4200, 30.3589, 62.7757
Hunter-Lab	59.8453, 58.0209, -33.3917

# Details

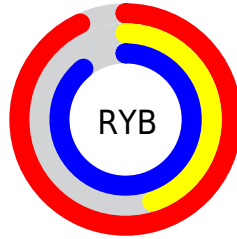
The Hex color **EC74E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74EC7E**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFACFF**, and **B23CAA** is the 20% darker color. If you saturate the color by 10%, you get **EC5CE0**, and if you desaturate by 10%, it is **EC8CE4**.

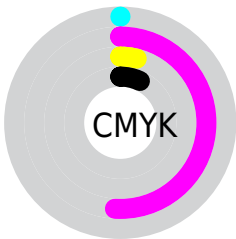
# Distribution



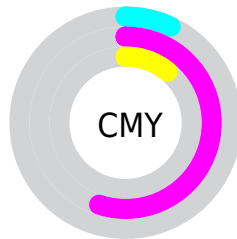
- Red (93%)
- Green (45%)
- Blue (89%)



- Red (93%)
- Yellow (45%)
- Blue (89%)



- Cyan (0%)
- Magenta (51%)
- Yellow (4%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC74E2 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 EC74E2 by changing the saturation by 10% instead.



 EC74E2

 EC74E2

FFFFFF

 CF58C6

 FFACFF

 B23CAA

 FFC9FF

 951B8F

 FFE6FF

 790076

 5E005C

 430044

 2B002E

 000017

 000000

 EC74E2

 EC74E2

 EC5CE0

 EC8CE4

 EC45DE

 ECA3E6

 EC2DDC

 ECBBE8

 EC16DA

 ECD2EA

 EC00D8

 ECEAEC

 ECFFEE

 ECFFF0

 ECFFF2

 ECFFF4

# Harmonies

## Analogous

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



9E91FF



EC74E2



FF62A5

# Triad

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



EC74E2



C19E00



00BEDE

# Complementary

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



EC74E2



74EC7E

# 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.



00BE9F



EC74E2



82B024

# Square

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



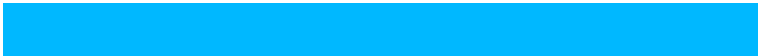
EC74E2



F18531



00BA5E



00B8FF

# Rectangle

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



EC74E2



FF657B



00BA5E



00BFCA



# Sweetspot

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



EC74E2



FFD9FC



7E74EC



80697E



000000



808080



# Same Dimension

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



EC74E2



FF63F2



EC74A6



756A74



B500A6



360031



# Inverse Universe

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



EC74E2



FF63F2



74ECBA



756A74



B500A6



360031



# Previews

## White Background



This preview shows how the Hex color EC74E2 looks on a white background.

## Color Contrast Check

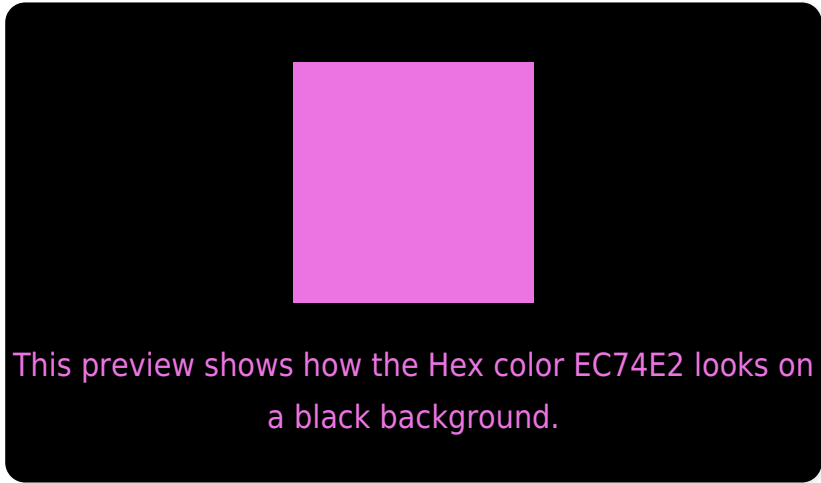
Large Text (above 18pt) WCAG AA × Fail

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 EC74E2 Background



This preview shows how black text looks on a background with the Hex color EC74E2.

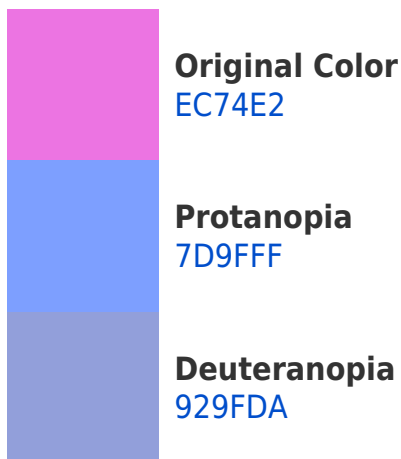


This preview shows how white text looks on a background with the Hex color EC74E2.

# 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**  
E28791

# Trichromacy



**Original Color**  
EC74E2



**Protanomaly**  
A58FF4



**Deuteranomaly**  
B38FDD



**Tritanomaly**  
E680AE

# Monochromacy



**Original Color**  
EC74E2



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
BE93BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC74E2 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 #EC74E2 looks like.

```
.text, #text, p{  
    color:#EC74E2  
}
```

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 #EC74E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC74E2
}
```

## Border

The CSS property to change the border of an element to Hex EC74E2 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
#EC74E2 }
```

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

```
.border{ border-color:#EC74E2 }
```

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

Here you see how a box with a 4 pixel #EC74E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC74E2; -webkit-box-shadow:4px 4px  
4px 4px #EC74E2; box-shadow:4px 4px 4px  
4px #EC74E2 }
```

# Background

The CSS property to change the background color of an element to Hex EC74E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC74E2 }
```

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

```
.background{ background-color:#EC74E2 }
```

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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