

# Converting Colors

Hex(EC247E)

Have a look what the booklet for  
Hex(EC247E) contains.

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# Color

Hex(EC247E)

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | EC247E                     |
| RGB         | 236, 36, 126               |
| RGB Percent | 93%, 14%, 49%              |
| CMY         | 0.0745, 0.8588, 0.5059     |
| CMYK        | 0.00, 0.85, 0.47, 0.07     |
| HSL         | 333°, 84%, 53%             |
| HSV         | 333°, 85%, 93%             |
| XYZ         | 38.9888, 20.6010, 21.6601  |
| YIQ         | 106.0600, 90.3100, 70.3900 |

# Conversions

## Conversions Part 2

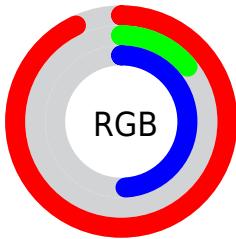
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 236, 36, 126                  |
| Decimal                             | 15475838                      |
| CIE <sub>Lab</sub>                  | 52.51, 76.21, 1.37            |
| CIE <sub>LCh</sub>                  | 53, 76.221, 1.029             |
| Yxy                                 | 20.6010, 0.4799,<br>0.2536    |
| Android<br>(android.graphics.Color) | 4293665918<br>(0xFFEC247E)    |
| YUV                                 | 106.0600, 9.8304,<br>113.9574 |
| Hunter-Lab                          | 45.3883, 73.9031,<br>3.4776   |

# Details

The Hex color **EC247E** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **24EC92**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF6BB2**, and **AE004D** is the 20% darker color. If you saturate the color by 10%, you get **EC0C71**, and if you desaturate by 10%, it is **EC3C8B**.

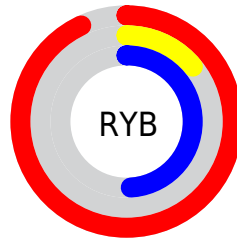
# Distribution



Red (93%)

Green (14%)

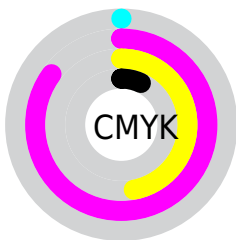
Blue (49%)



Red (93%)

Yellow (14%)

Blue (49%)

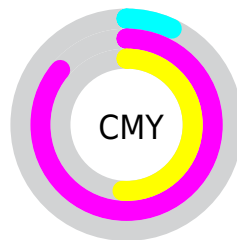


Cyan (0%)

Magenta (85%)

Yellow (47%)

Black (7%)



Cyan (7%)

Magenta (86%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC247E 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 EC247E by changing the saturation by 10% instead.



 EC247E

 EC247E

FFFFFF

 CD0065

 FF6BB2

 AE004D

 FF89CE

 8F0037

 FFA7EA

 710022

 FFC5FF

 54000B

 FFE3FF

 350002

 020000

 000000

 EC247E

 EC247E

 EC0C71

 EC3C8B

 EC006A

 EC5398

 EC6BA5

 EC82B2

 EC9ABF

 ECB2CC

 ECC9D9

 ECE1E6

 ECF8F3

# Harmonies

## Analogous

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



CB44BE



EC247E



E83B3E

# Triad

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



EC247E



538C00



0094F0

# Complementary

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



EC247E



24EC92

# 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.



0099C0



EC247E



009538

# Square

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



EC247E



967B00



00997E



0085FF

# Rectangle

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



EC247E



D5540E



00997E



0096E3



# Sweetspot

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



EC247E



FFBFDC



9224EC



80596A



000000



808080



# Same Dimension

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



EC247E



FF0073



EC2E24



756A6F



B50051



360018



# Inverse Universe

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



EC247E



FF0073



24E2EC



756A6F



B50051



360018



# Previews

## White Background



This preview shows how the Hex color EC247E looks on a white background.

## Color Contrast Check

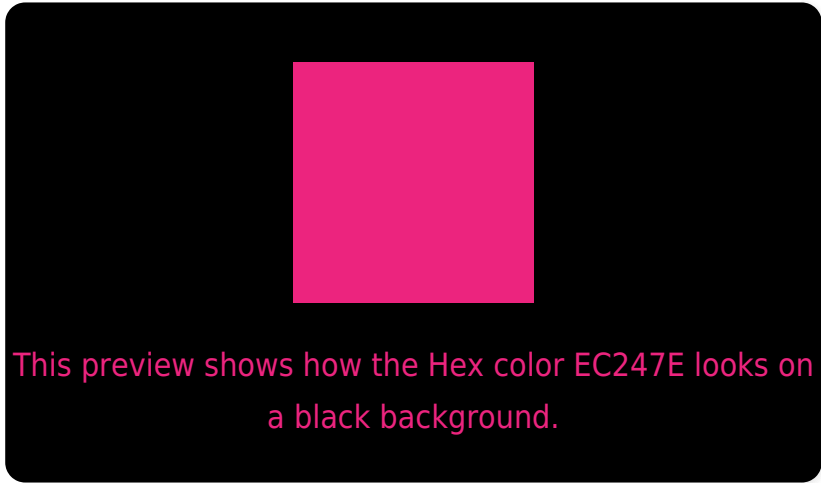
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex EC247E Background



This preview shows how black text looks on a background with the Hex color EC247E.



This preview shows how white text looks on a background with the Hex color EC247E.

# 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**  
E93A3C

# Trichromacy



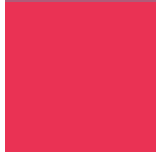
**Original Color**  
EC247E



**Protanomaly**  
9C5C9E



**Deuteranomaly**  
B05B78



**Tritanomaly**  
EA3254

# Monochromacy



**Original Color**  
EC247E



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
995171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC247E 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 #EC247E looks like.

```
.text, #text, p{  
    color:#EC247E  
}
```

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 #EC247E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC247E
}
```

## Border

The CSS property to change the border of an element to Hex EC247E 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
#EC247E }
```

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

```
.border{ border-color:#EC247E }
```

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

Here you see how a box with a 4 pixel #EC247E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC247E; -webkit-box-shadow:4px 4px  
4px 4px #EC247E; box-shadow:4px 4px 4px  
4px #EC247E }
```

# Background

The CSS property to change the background color of an element to Hex EC247E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC247E }
```

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

```
.background{ background-color:#EC247E }
```

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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