

Converting Colors

Hex(EC227F)

Have a look what the booklet for
Hex(EC227F) contains.

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Color

Hex(EC227F)

Conversions

Conversions Part 1

Format	Color
Hex	EC227F
RGB	236, 34, 127
RGB Percent	93%, 13%, 50%
CMY	0.0745, 0.8667, 0.5020
CMYK	0.00, 0.86, 0.46, 0.07
HSL	332°, 84%, 53%
HSV	332°, 86%, 93%
XYZ	38.9949, 20.5092, 21.9821
YIQ	105.0000, 90.5390, 71.7470

Conversions

Conversions Part 2

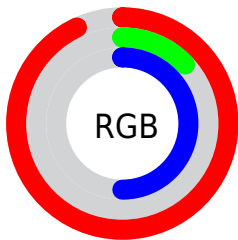
Format	Color
R_{YB}	236, 34, 127
Decimal	15475327
CIE Lab	52.41, 76.67, 0.62
CIE LCh	52, 76.669, 0.462
Yxy	20.5092, 0.4785, 0.2517
Android (android.graphics.Color)	4293665407 (0xFFEC227F)
YUV	105.0000, 10.8460, 114.8870
Hunter-Lab	45.2871, 74.4465, 2.9220

Details

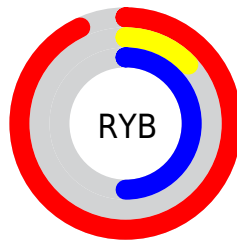
The Hex color **EC227F** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **22EC8F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6AB4**, and **AE004E** is the 20% darker color. If you saturate the color by 10%, you get **EC0A72**, and if you desaturate by 10%, it is **EC3A8C**.

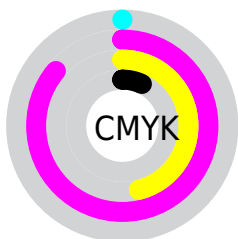
Distribution



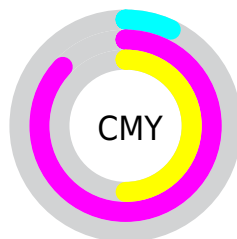
- Red (93%)
- Green (13%)
- Blue (50%)



- Red (93%)
- Yellow (13%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (46%)
- Black (7%)



- Cyan (7%)
- Magenta (87%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC227F 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 EC227F by changing the saturation by 10% instead.

 EC227F

 EC227F

FFFFFF

 CD0066

 FF6AB4

 AE004E

 FF88CF

 8F0038

 FFA6EB

 710023

 FFC4FF

 54000C

 FFE2FF

 350002

 020000

 000000

 EC227F

 EC227F

 EC0A72

 EC3A8C

 EC006D

 EC5198

 EC69A5

 EC80B2

 EC98BF

 ECB0CB

 ECC7D8

 ECDFE5

 ECF6F2

Harmonies

Analogous

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



CA44BF



EC227F



E8393F

Triad

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



EC227F



548C00



0094F0

Complementary

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



EC227F



22EC8F

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.



0099BF



EC227F



009536

Square

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



EC227F



977B00



00997C



0085FF

Rectangle

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



EC227F



D6530F



00997C



0096E2

Sweetspot

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



EC227F



FFBDDB



8E22EC



80586A



000000



808080

Same Dimension

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



EC227F



FF0075



EC2922



756A6F



B50053



360019

Inverse Universe

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



EC227F



FF0075



22E5EC



756A6F



B50053



360019

Previews

White Background



This preview shows how the Hex color EC227F 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 EC227F Background



This preview shows how black text looks on a background with the Hex color EC227F.



This preview shows how white text looks on a background with the Hex color EC227F.

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
E83A3C

Trichromacy



Original Color
EC227F



Protanomaly
9B5B9F



Deuteranomaly
B05979



Tritanomaly
E93154

Monochromacy



Original Color
EC227F



Achromatopsia
696969



Achromatomaly
994F71

CSS Examples

Text

The CSS property to change the color of the text to Hex EC227F 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 #EC227F looks like.

```
.text, #text, p{  
    color:#EC227F  
}
```

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 #EC227F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC227F
}
```

Border

The CSS property to change the border of an element to Hex EC227F 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
#EC227F }
```

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

```
.border{ border-color:#EC227F }
```

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

Here you see how a box with a 4 pixel #EC227F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC227F; -webkit-box-shadow:4px 4px  
4px 4px #EC227F; box-shadow:4px 4px 4px  
4px #EC227F }
```

Background

The CSS property to change the background color of an element to Hex EC227F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC227F }
```

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

```
.background{ background-color:#EC227F }
```

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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