

# Converting Colors

Hex(EC009F)

Have a look what the booklet for  
Hex(EC009F) contains.

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**Color**

**Hex(EC009F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC009F
RGB	236, 0, 159
RGB Percent	93%, 0%, 62%
CMY	0.0745, 1.0000, 0.3765
CMYK	0.00, 1.00, 0.33, 0.07
HSL	320°, 100%, 46%
HSV	320°, 100%, 93%
XYZ	40.8501, 20.3361, 34.5731
YIQ	88.6900, 89.6170, 99.4810

# Conversions

## Conversions Part 2

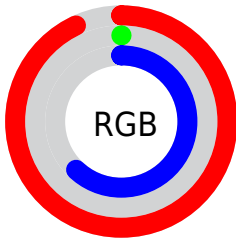
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 0, 159
Decimal	15466655
CIE <sub>Lab</sub>	52.22, 83.30, -18.83
CIE <sub>LCh</sub>	52, 85.402, 347.261
Yxy	20.3361, 0.4266, 0.2124
Android (android.graphics.Color)	4293656735 (0xFFEC009F)
YUV	88.6900, 34.6628, 129.1909
Hunter-Lab	45.0955, 82.7782, -13.8886

# Details

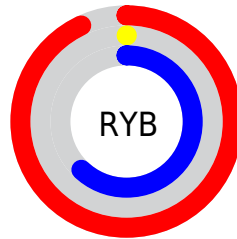
The Hex color **EC009F** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **00EC4D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF61D6**, and **AE006B** is the 20% darker color. If you saturate the color by 10%, you get **EC009F**, and if you desaturate by 10%, it is **EC18A7**.

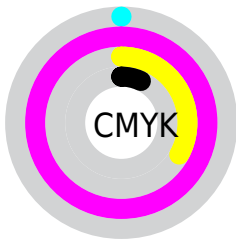
# Distribution



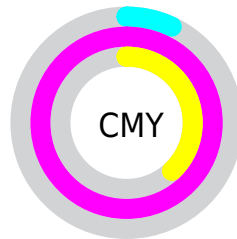
- Red (93%)
- Green (0%)
- Blue (62%)



- Red (93%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC009F 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 EC009F by changing the saturation by 10% instead.



 EC009F

 EC009F

FFFFFF

 CD0085

 FF61D6

 AE006B

 FF81F2

 900053

 FF9FFF

 72003C

 FFBEFF

 560026

 FFDCFF

 38000F

 FFFBFF

 100000

 000000

 EC009F

 EC18A7

 EC2FAE

 EC47B6

 EC5EBE

 EC76C5

 EC8ECD

 ECA5D5

 ECBDDD

 ECD4E4

# Harmonies

## Analogous

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



B14FE1



EC009F



F80056

# Triad

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



EC009F



708600



0099E8

# Complementary

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



EC009F



00EC4D

# 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.



009BA6



EC009F



009300

# Square

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



EC009F



B16E00



00995A



008FFF

# Rectangle

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



EC009F



EC3326



00995A



009AD4



# Sweetspot

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



EC009F



FFB3E6



4B00EC



805271



000000



808080



# Same Dimension

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



EC009F



FF00AC



EC002B



756A71



B5007A



360024



# Inverse Universe

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



EC009F



FF00AC



00ECC1



756A71



B5007A



360024



# Previews

## White Background



This preview shows how the Hex color EC009F looks on a white background.

## Color Contrast Check

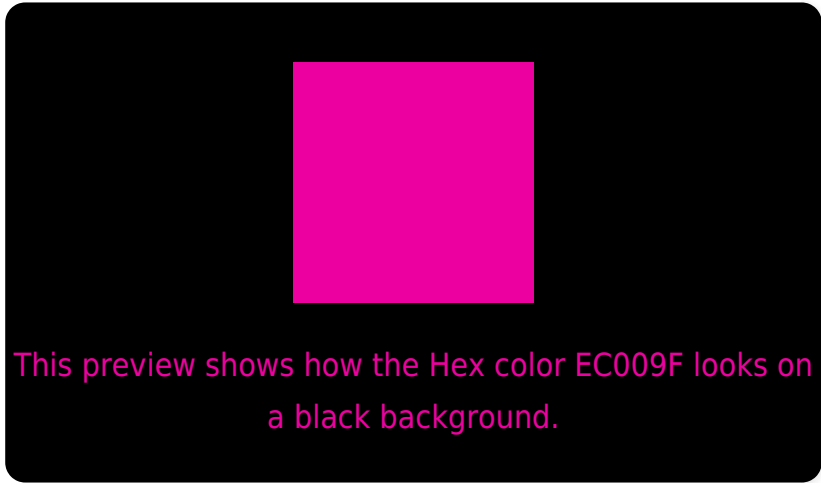
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC009F Background



This preview shows how black text looks on a background with the Hex color EC009F.



This preview shows how white text looks on a background with the Hex color EC009F.

# 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**  
E63F41

# Trichromacy



**Original Color**  
EC009F



**Protanomaly**  
864ECA



**Deuteranomaly**  
A74E98



**Tritanomaly**  
E82863

# Monochromacy



**Original Color**  
EC009F



**Achromatopsia**  
595959



**Achromatomaly**  
8E3972

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC009F 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 #EC009F looks like.

```
.text, #text, p{  
    color:#EC009F  
}
```

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 #EC009F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC009F
}
```

## Border

The CSS property to change the border of an element to Hex EC009F 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
#EC009F }
```

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

```
.border{ border-color:#EC009F }
```

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

Here you see how a box with a 4 pixel #EC009F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC009F; -webkit-box-shadow:4px 4px  
4px 4px #EC009F; box-shadow:4px 4px 4px  
4px #EC009F }
```

# Background

The CSS property to change the background color of an element to Hex EC009F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC009F }
```

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

```
.background{ background-color:#EC009F }
```

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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