

# Converting Colors

Hex(EC0461)

Have a look what the booklet for  
Hex(EC0461) contains.

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# Color

**Hex(EC0461)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | EC0461                     |
| RGB           | 236, 4, 97                 |
| RGB Percent   | 93%, 2%, 38%               |
| CMY           | 0.0745, 0.9843, 0.6196     |
| CMYK          | 0.00, 0.98, 0.59, 0.07     |
| HSL           | 336°, 97%, 47%             |
| HSV           | 336°, 98%, 93%             |
| XYZ           | 36.7932, 18.7828, 12.9955  |
| YIQ           | 83.9700, 108.4190, 78.1070 |

# Conversions

## Conversions Part 2

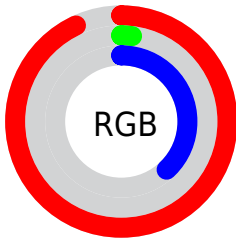
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 236, 4, 97                   |
| Decimal                             | 15467617                     |
| CIE Lab                             | 50.43, 78.06, 16.07          |
| CIE LCh                             | 50, 79.692, 11.631           |
| Yxy                                 | 18.7828, 0.5366,<br>0.2739   |
| Android<br>(android.graphics.Color) | 4293657697<br>(0xFFEC0461)   |
| YUV                                 | 83.9700, 6.4238,<br>133.3303 |
| Hunter-Lab                          | 43.3391, 75.6960,<br>12.5589 |

# Details

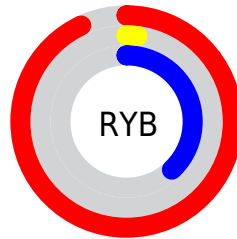
The Hex color **EC0461** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **04EC8F**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5F93**, and **AC0034** is the 20% darker color. If you saturate the color by 10%, you get **EC005F**, and if you desaturate by 10%, it is **EC1C6F**.

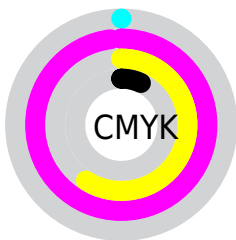
# Distribution



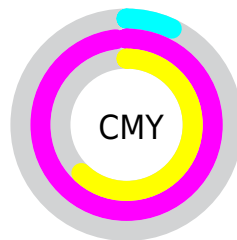
- Red (93%)
- Green (2%)
- Blue (38%)



- Red (93%)
- Yellow (2%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (59%)
- Black (7%)



- Cyan (7%)
- Magenta (98%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC0461 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 EC0461 by changing the saturation by 10% instead.



 EC0461

 EC0461

FFFFFF

 CC004A

 FF5F93

 AC0034

 FF7EAE

 8D001F

 FF9DC9

 6E0007

 FFBBE5

 500004

 FFD9FF

 300002

 FFF7FF

 000000

 EC0461

 EC0461

 EC005F

 EC1C6F

 EC337D

 EC4B8B

 EC629A

 EC7AA8

 EC92B6

 ECA9C4

 ECC1D2

 ECD8E0

# Harmonies

## Analogous

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



D925A4



EC0461



DC3E1E

# Triad

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



EC0461



1E8B00



008BFA

# Complementary

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



EC0461



04EC8F

# 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.



0093D2



EC0461



00924A

# Square

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



EC0461



7A7E00



009492



0078FF

# Rectangle

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



EC0461



C35A00



009492



008FF0



# Sweetspot

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



EC0461



FFB5D3



8B04EC



805365



000000



808080



# Same Dimension

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



EC0461



FF0066



EC1704



756A6E



B50049



360015



# Inverse Universe

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



EC0461



FF0066



04D9EC



756A6E



B50049



360015



# Previews

## White Background



This preview shows how the Hex color EC0461 looks on a white background.

## Color Contrast Check

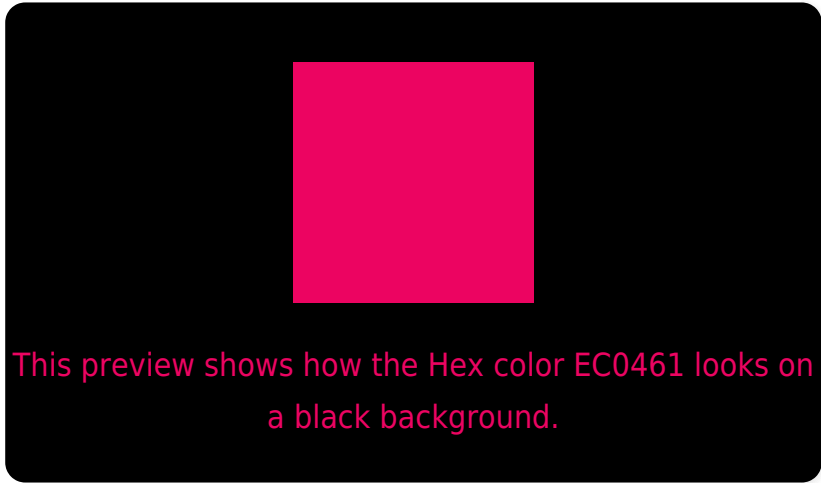
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC0461 Background



This preview shows how black text looks on a background with the Hex color EC0461.



This preview shows how white text looks on a background with the Hex color EC0461.

# 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



**Original Color**  
EC0461

**Protanopia**  
76798D

**Deuteranopia**  
907457



# Trichromacy



**Original Color**  
EC0461



**Protanomaly**  
A14E7D



**Deuteranomaly**  
B14B5B

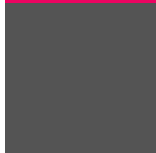


**Tritanomaly**  
EB1A3B

# Monochromacy



**Original Color**  
EC0461



**Achromatopsia**  
545454



**Achromatomaly**  
8B3759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC0461 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 #EC0461 looks like.

```
.text, #text, p{  
    color:#EC0461  
}
```

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 #EC0461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0461
}
```

## Border

The CSS property to change the border of an element to Hex EC0461 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
#EC0461 }
```

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

```
.border{ border-color:#EC0461 }
```

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

Here you see how a box with a 4 pixel #EC0461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0461; -webkit-box-shadow:4px 4px  
4px 4px #EC0461; box-shadow:4px 4px 4px  
4px #EC0461 }
```

# Background

The CSS property to change the background color of an element to Hex EC0461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0461 }
```

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

```
.background{ background-color:#EC0461 }
```

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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