

# Converting Colors

Hex(EC0C71)

Have a look what the booklet for  
Hex(EC0C71) contains.

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# Color

**Hex(EC0C71)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC0C71
RGB	236, 12, 113
RGB Percent	93%, 5%, 44%
CMY	0.0745, 0.9529, 0.5569
CMYK	0.00, 0.95, 0.52, 0.07
HSL	333°, 90%, 49%
HSV	333°, 95%, 93%
XYZ	37.7042, 19.2881, 17.3585
YIQ	90.4900, 101.0830, 78.8990

# Conversions

## Conversions Part 2

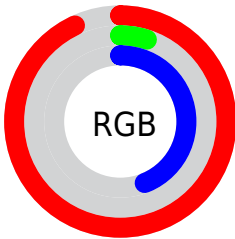
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 12, 113
Decimal	15469681
CIE <sub>Lab</sub>	51.02, 78.49, 7.11
CIE <sub>LCh</sub>	51, 78.815, 5.176
Yxy	19.2881, 0.5071, 0.2594
Android (android.graphics.Color)	4293659761 (0xFFEC0C71)
YUV	90.4900, 11.0974, 127.6123
Hunter-Lab	43.9182, 76.3871, 7.3085

# Details

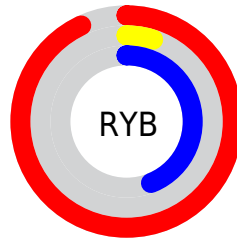
The Hex color **EC0C71** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **0CEC87**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF62A4**, and **AD0042** is the 20% darker color. If you saturate the color by 10%, you get **EC006A**, and if you desaturate by 10%, it is **EC247E**.

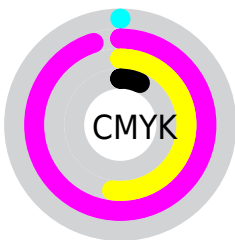
# Distribution



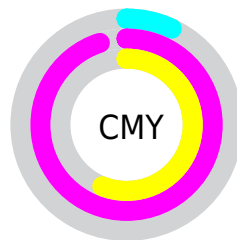
- Red (93%)
- Green (5%)
- Blue (44%)



- Red (93%)
- Yellow (5%)
- Blue (44%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (7%)



- Cyan (7%)
- Magenta (95%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EC0C71 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 EC0C71 by changing the saturation by 10% instead.



 EC0C71

 EC0C71

FFFFFF

 CC0059

 FF62A4

 AD0042

 FF81BF

 8E002C

 FF9FDB

 6F0018

 FFBDFF

 520004

 FFDBFF

 320002

 FFFAFF

 000000

 EC0C71

 EC0C71

 EC006A

 EC247E

 EC3B8B

 EC5398

 EC6AA5

 EC82B2

 EC9ABF

 ECB1CC

 ECC9D9

 ECE0E6

# Harmonies

## Analogous

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



D135B3



EC0C71



E33730

# Triad

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



EC0C71



3F8B00



008FF5

# Complementary

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



EC0C71



0CEC87

# 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.



0095C6



EC0C71



00923C

# Square

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



EC0C71



897B00



009684



007FFF

# Rectangle

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



EC0C71



CD5400



009684



0092E8



# Sweetspot

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



EC0C71



FFB8D8



830CEC



805468



000000



808080



# Same Dimension

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



EC0C71



FF0073



EC130C



756A6F



B50052



360018



# Inverse Universe

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



EC0C71



FF0073



0CE5EC



756A6F



B50052



360018



# Previews

## White Background



This preview shows how the Hex color EC0C71 looks on a white background.

## Color Contrast Check

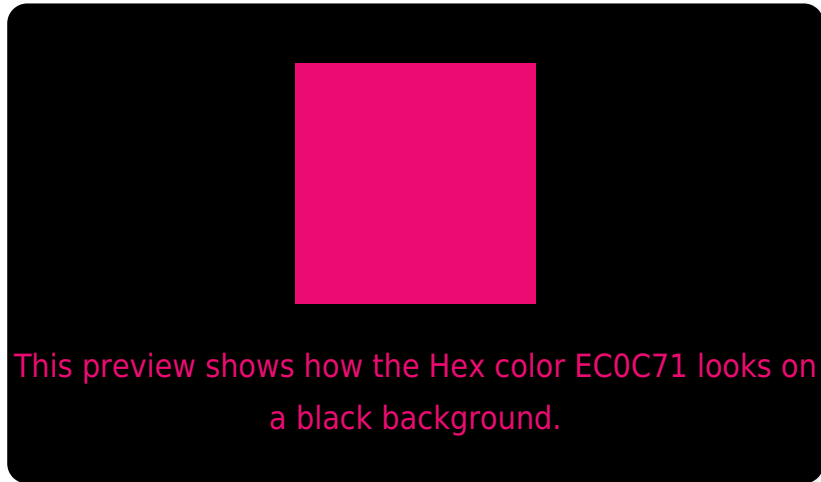
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC0C71 Background



This preview shows how black text looks on a background with the Hex color EC0C71.



This preview shows how white text looks on a background with the Hex color EC0C71.

# 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**  
E92E2E

# Trichromacy



**Original Color**  
EC0C71



**Protanomaly**  
9C5191



**Deuteranomaly**  
B04F6B

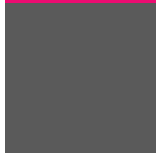


**Tritanomaly**  
EA2246

# Monochromacy



**Original Color**  
EC0C71



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
8F3E62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EC0C71 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 #EC0C71 looks like.

```
.text, #text, p{  
    color:#EC0C71  
}
```

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 #EC0C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0C71
}
```

## Border

The CSS property to change the border of an element to Hex EC0C71 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
#EC0C71 }
```

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

```
.border{ border-color:#EC0C71 }
```

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

Here you see how a box with a 4 pixel #EC0C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0C71; -webkit-box-shadow:4px 4px  
4px 4px #EC0C71; box-shadow:4px 4px 4px  
4px #EC0C71 }
```

# Background

The CSS property to change the background color of an element to Hex EC0C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0C71 }
```

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

```
.background{ background-color:#EC0C71 }
```

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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