

Converting Colors

Hex(EC0345)

Have a look what the booklet for
Hex(EC0345) contains.

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Color

Hex(EC0345)

Conversions

Conversions Part 1

Format	Color
Hex	EC0345
RGB	236, 3, 69
RGB Percent	93%, 1%, 27%
CMY	0.0745, 0.9882, 0.7294
CMYK	0.00, 0.99, 0.71, 0.07
HSL	343°, 97%, 47%
HSV	343°, 99%, 93%
XYZ	35.6988, 18.3277, 7.2863
YIQ	80.1910, 117.6820, 69.9220

Conversions

Conversions Part 2

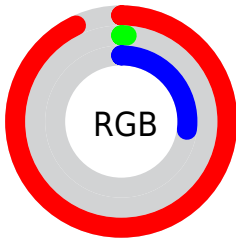
Format	Color
RYB	236, 3, 69
Decimal	15467333
CIELab	49.89, 76.74, 32.41
CIELCh	50, 83.301, 22.895
Yxy	18.3277, 0.5822, 0.2989
Android (android.graphics.Color)	4293657413 (0xFFEC0345)
YUV	80.1910, -5.5172, 136.6445
Hunter-Lab	42.8108, 73.9275, 19.8766

Details

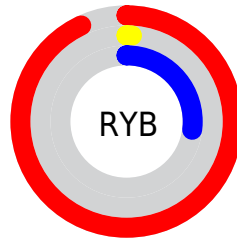
The Hex color **EC0345** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **03ECAA**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E75**, and **AB001B** is the 20% darker color. If you saturate the color by 10%, you get **EC0043**, and if you desaturate by 10%, it is **EC1B56**.

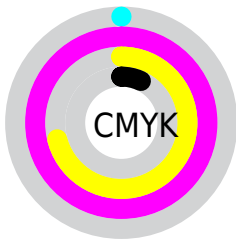
Distribution



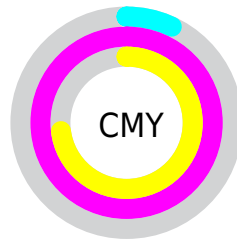
- Red (93%)
- Green (1%)
- Blue (27%)



- Red (93%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (99%)
- Yellow (71%)
- Black (7%)



- Cyan (7%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC0345 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 EC0345 by changing the saturation by 10% instead.

 EC0345

 EC0345

FFFFFF

 CB002F

 FF5E75

 AB001B

 FF7D8E

 8B0002

 FF9BA9

 6B0002

 FFB9C4

 4E0004

 FFD7E0

 2D0001

 FFF6FD

 000000

 EC0345

 EC0345

 EC0043

 EC1B56

 EC3267

 EC4A78

 EC6189

 EC799A

 EC91AA

 ECA8BB

 ECC0CC

 ECD7DD

Harmonies

Analogous

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



E8008B



EC0345



D04A00

Triad

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



EC0345



008E0C



0085FF

Complementary

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



EC0345



03ECAA

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.



0091E8



EC0345



009363

Square

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



EC0345



5C8300



0094AC



316CFB

Rectangle

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



EC0345



B16400



0094AC



008AFF

Sweetspot

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



EC0345



FFB3C8



AA03EC



80525F



000000



808080

Same Dimension

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



EC0345



FF0048



EC3503



756A6D



B50033



36000F

Inverse Universe

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



EC0345



FF0048



03BAEC



756A6D



B50033



36000F

Previews

White Background



This preview shows how the Hex color EC0345 looks on a white background.

Color Contrast Check

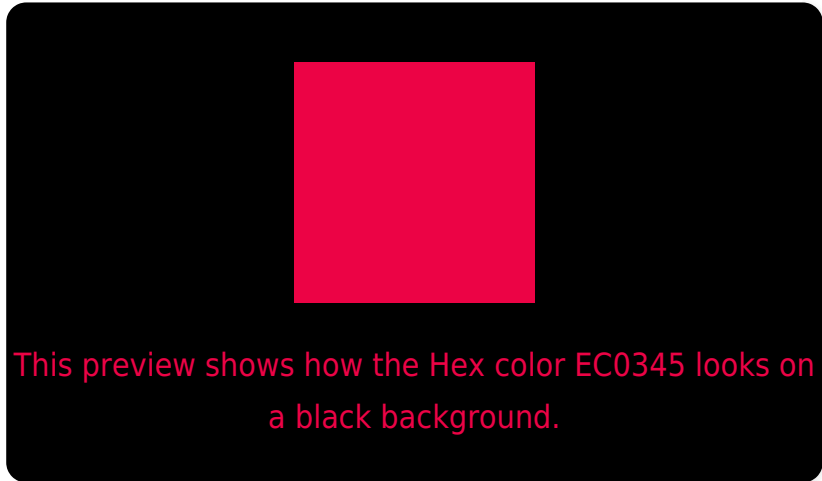
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 EC0345 Background



This preview shows how black text looks on a background with the Hex color EC0345.



This preview shows how white text looks on a background with the Hex color EC0345.

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
EC0345

Protanopia
7E7867

Deuteranopia
947239



Tritanopia
EB1C16

Trichromacy



Original Color
EC0345



Protanomaly
A64D5B



Deuteranomaly
B44A3D



Tritanomaly
EB1327

Monochromacy



Original Color
EC0345



Achromatopsia
505050



Achromatomaly
89344C

CSS Examples

Text

The CSS property to change the color of the text to Hex EC0345 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 #EC0345 looks like.

```
.text, #text, p{  
    color:#EC0345  
}
```

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 #EC0345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC0345
}
```

Border

The CSS property to change the border of an element to Hex EC0345 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
#EC0345 }
```

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

```
.border{ border-color:#EC0345 }
```

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

Here you see how a box with a 4 pixel #EC0345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC0345; -webkit-box-shadow:4px 4px  
4px 4px #EC0345; box-shadow:4px 4px 4px  
4px #EC0345 }
```

Background

The CSS property to change the background color of an element to Hex EC0345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC0345 }
```

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

```
.background{ background-color:#EC0345 }
```

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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