

Converting Colors

Hex(ED0245)

Have a look what the booklet for
Hex(ED0245) contains.

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Color

Hex(ED0245)

Conversions

Conversions Part 1

Format	Color
Hex	ED0245
RGB	237, 2, 69
RGB Percent	93%, 1%, 27%
CMY	0.0706, 0.9922, 0.7294
CMYK	0.00, 0.99, 0.71, 0.07
HSL	343°, 98%, 47%
HSV	343°, 99%, 93%
XYZ	36.0209, 18.4776, 7.2982
YIQ	79.9030, 118.5530, 70.6570

Conversions

Conversions Part 2

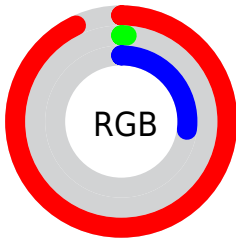
Format	Color
RYB	237, 2, 69
Decimal	15532613
CIELab	50.07, 77.05, 32.67
CIElCh	50, 83.689, 22.979
Yxy	18.4776, 0.5829, 0.2990
Android (android.graphics.Color)	4293722693 (0xFFED0245)
YUV	79.9030, -5.3752, 137.7741
Hunter-Lab	42.9856, 74.3541, 20.0235

Details

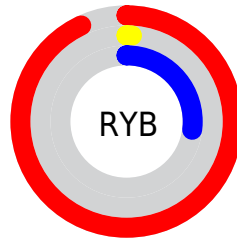
The Hex color **ED0245** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02EDAA**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E75**, and **AC001B** is the 20% darker color. If you saturate the color by 10%, you get **ED0044**, and if you desaturate by 10%, it is **ED1A56**.

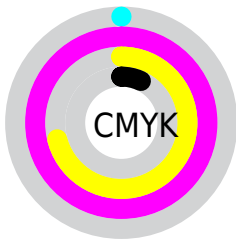
Distribution



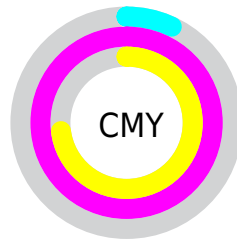
- Red (93%)
- Green (1%)
- Blue (27%)



- 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 ED0245 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 ED0245 by changing the saturation by 10% instead.

 ED0245

 ED0245

FFFFFF

 CC002F

 FF5E75

 AC001B

 FF7D8E

 8C0002

 FF9BA9

 6C0002

 FFB9C4

 4E0004

 FFD8E0

 2E0002

 FFF6FD

 000000

 ED0245

 ED0245

 ED0044

 ED1A56

 ED3167

 ED4978

 ED6189

 ED789A

 ED90AB

 EDA8BC

 EDC0CD

 EDD7DD

Harmonies

Analogous

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



E9008B



ED0245



D14B00

Triad

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



ED0245



008E0C



0086FF

Complementary

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



ED0245



02EDAA

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.



0091E9



ED0245



009364

Square

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



ED0245



5C8300



0095AD



326CFC

Rectangle

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



ED0245



B26500



0095AD



008BFF

Sweetspot

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



ED0245



FFB3C8



A702ED



80525F



000000



808080

Same Dimension

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



ED0245



FF0049



ED3102



756A6D



B50034



36000F

Inverse Universe

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



ED0245



FF0049



02BEED



756A6D



B50034



36000F

Previews

White Background



This preview shows how the Hex color ED0245 looks on a white background.

Color Contrast Check

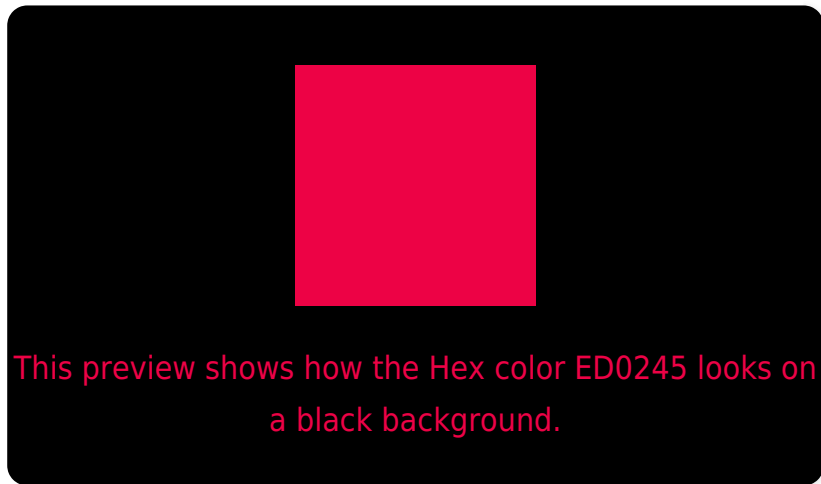
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED0245 Background



This preview shows how black text looks on a background with the Hex color ED0245.



This preview shows how white text looks on a background with the Hex color ED0245.

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
ED0245

Protanopia
7F7867

Deuteranopia
957339



Trichromacy



Original Color
ED0245



Protanomaly
A74D5B



Deuteranomaly
B54A3D



Tritanomaly
EC1327

Monochromacy



Original Color
ED0245



Achromatopsia
505050



Achromatomaly
89344C

CSS Examples

Text

The CSS property to change the color of the text to Hex ED0245 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 #ED0245 looks like.

```
.text, #text, p{  
    color:#ED0245  
}
```

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 #ED0245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED0245
}
```

Border

The CSS property to change the border of an element to Hex ED0245 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
#ED0245 }
```

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

```
.border{ border-color:#ED0245 }
```

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

Here you see how a box with a 4 pixel #ED0245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED0245; -webkit-box-shadow:4px 4px  
4px 4px #ED0245; box-shadow:4px 4px 4px  
4px #ED0245 }
```

Background

The CSS property to change the background color of an element to Hex ED0245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED0245 }
```

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

```
.background{ background-color:#ED0245 }
```

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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