

Converting Colors

Hex(ED0055)

Have a look what the booklet for
Hex(ED0055) contains.

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Color

Hex(ED0055)

Conversions

Conversions Part 1

Format	Color
Hex	ED0055
RGB	237, 0, 85
RGB Percent	93%, 0%, 33%
CMY	0.0706, 1.0000, 0.6667
CMYK	0.00, 1.00, 0.64, 0.07
HSL	338°, 100%, 46%
HSV	338°, 100%, 93%
XYZ	36.5647, 18.6604, 10.2690
YIQ	80.5530, 113.9670, 76.6790

Conversions

Conversions Part 2

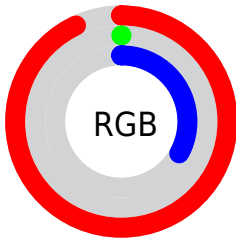
Format	Color
RYB	237, 0, 85
Decimal	15532117
CIELab	50.29, 77.92, 23.25
CIElCh	50, 81.318, 16.615
Yxy	18.6604, 0.5583, 0.2849
Android (android.graphics.Color)	4293722197 (0xFFED0055)
YUV	80.5530, 2.1924, 137.2040
Hunter-Lab	43.1977, 75.4956, 16.1439

Details

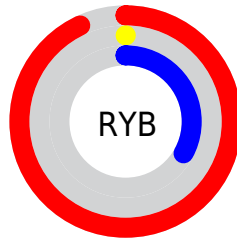
The Hex color **ED0055** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **00ED98**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5E86**, and **AD0029** is the 20% darker color. If you saturate the color by 10%, you get **ED0055**, and if you desaturate by 10%, it is **ED1864**.

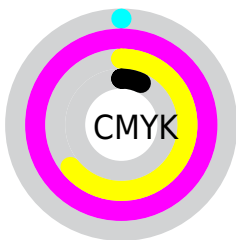
Distribution



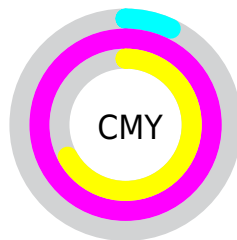
- Red (93%)
- Green (0%)
- Blue (33%)



- Red (93%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (7%)



- Cyan (7%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED0055 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 ED0055 by changing the saturation by 10% instead.

 ED0055

 ED0055

FFFFFF

 CD003E

 FF5E86

 AD0029

 FF7DA0

 8D0016

 FF9CBB

 6E0002

 FFBAD7

 500004

 FFD8F3

 2F0002

 FFF6FF

 000000

 ED0055

 ED1864

 ED2F73

 ED4783

 ED5F92

 ED76A1

 ED8EB0

 EDA6BF

 EDBECF

 EDD5DE

Harmonies

Analogous

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



E1119A



ED0055



D8440A

Triad

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



ED0055



008D00



0089FF

Complementary

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



ED0055



00ED98

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.



0093DC



ED0055



009355

Square

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



ED0055



6E8000



00959E



0073FF

Rectangle

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



ED0055



BC5F00



00959E



008DF8

Sweetspot

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



ED0055



FFB3CE



9600ED



805262



000000



808080

Same Dimension

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



ED0055



FF005B



ED2000



756A6E



B50041



360013

Inverse Universe

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



ED0055



FF005B



00CED1



756A6E



B50041



360013

Previews

White Background



This preview shows how the Hex color ED0055 looks on a white background.

Color Contrast Check

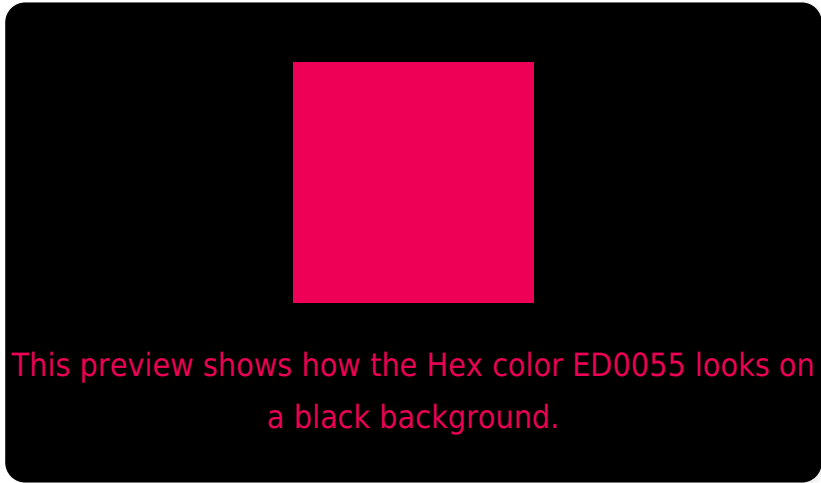
Large Text (above 18pt) WCAG AA ✓ Pass

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 ED0055 Background



This preview shows how black text looks on a background with the Hex color ED0055.



This preview shows how white text looks on a background with the Hex color ED0055.

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
ED0055

Protanopia
7B797D

Deuteranopia
93744B



Trichromacy



Original Color
ED0055



Protanomaly
A44D6E



Deuteranomaly
B44A4F



Tritanomaly
EC1633

Monochromacy



Original Color
ED0055



Achromatopsia
515151



Achromatomaly
8A3452

CSS Examples

Text

The CSS property to change the color of the text to Hex ED0055 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 #ED0055 looks like.

```
.text, #text, p{  
    color:#ED0055  
}
```

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 #ED0055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED0055
}
```

Border

The CSS property to change the border of an element to Hex ED0055 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".

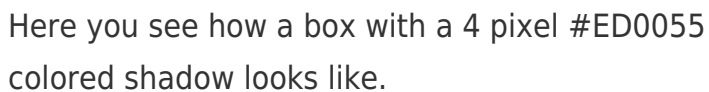
```
.border, #border, table{ border:4px solid
#ED0055 }
```

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

```
.border{ border-color:#ED0055 }
```

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

Here you see how a box with a 4 pixel #ED0055 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The box is white with a red border and a red shadow. The shadow is a 4px red shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED0055; -webkit-box-shadow:4px 4px  
4px 4px #ED0055; box-shadow:4px 4px 4px  
4px #ED0055 }
```

Background

The CSS property to change the background color of an element to Hex ED0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED0055 }
```

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

```
.background{ background-color:#ED0055 }
```

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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