

Converting Colors

Hex(E70045)

Have a look what the booklet for
Hex(E70045) contains.

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Color

Hex(E70045)

Conversions

Conversions Part 1

Format	Color
Hex	E70045
RGB	231, 0, 69
RGB Percent	91%, 0%, 27%
CMY	0.0941, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.70, 0.09
HSL	342°, 100%, 45%
HSV	342°, 100%, 91%
XYZ	34.0292, 17.4186, 7.1988
YIQ	76.9350, 115.5270, 70.4310

Conversions

Conversions Part 2

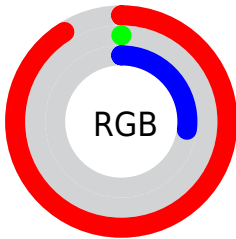
Format	Color
RYB	231, 0, 69
Decimal	15138885
CIELab	48.78, 75.80, 30.82
CIELCh	49, 81.827, 22.129
Yxy	17.4186, 0.5802, 0.2970
Android (android.graphics.Color)	4293328965 (0xFFE70045)
YUV	76.9350, -3.9120, 135.1150
Hunter-Lab	41.7356, 72.5030, 18.9882

Details

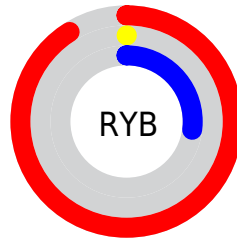
The Hex color **E70045** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00E7A2**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C75**, and **A6001B** is the 20% darker color. If you saturate the color by 10%, you get **E70045**, and if you desaturate by 10%, it is **E71755**.

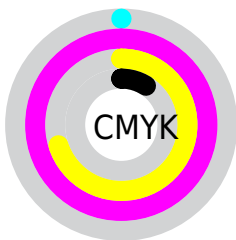
Distribution



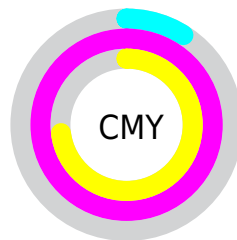
- Red (91%)
- Green (0%)
- Blue (27%)



- Red (91%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70045 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 E70045 by changing the saturation by 10% instead.

 E70045

 E70045

FFFFFF

 C7002F

 FF5C75

 A6001B

 FF7B8E

 870002

 FF99A9

 670002

 FFB7C4

 490004

 FFD5E0

 290001

 FFF4FD

 000000

 E70045

 E71755

 E72E65

 E74576

 E75C86

 E77496

 E78BA6

 E7A2B6

 E7B9C7

 E7D0D7

Harmonies

Analogous

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



E20089



E70045



CC4700

Triad

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



E70045



008A07



0083FF

Complementary

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



E70045



00E7A2

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.



008EE2



E70045



008F5F

Square

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



E70045



5C8000



0091A7



266AF6

Rectangle

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



E70045



AE6100



0091A7



0088F9

Sweetspot

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



E70045



FFB3C9



A200E7



80525F



000000



808080

Same Dimension

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



E70045



FF004C



E72E00



73676B



B30035



33000F

Inverse Universe

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



E70045



FF004C



00B9E7



73676B



B30035



33000F

Previews

White Background



This preview shows how the Hex color E70045 looks on a white background.

Color Contrast Check

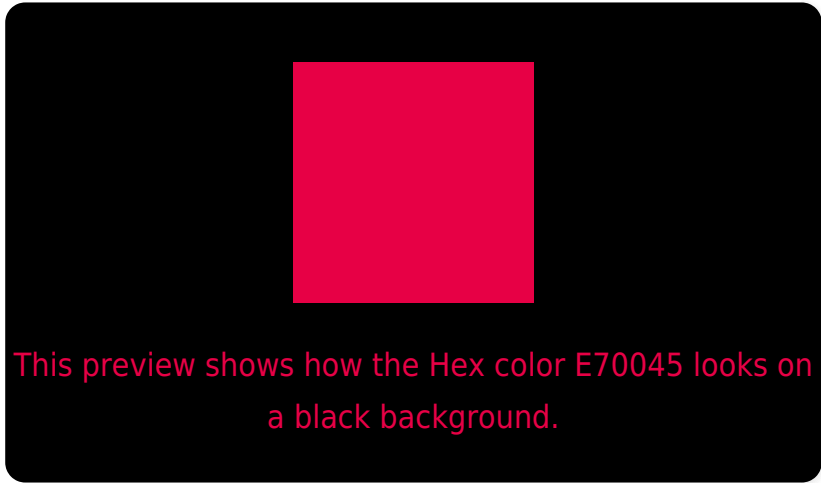
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E70045 Background



This preview shows how black text looks on a background with the Hex color E70045.

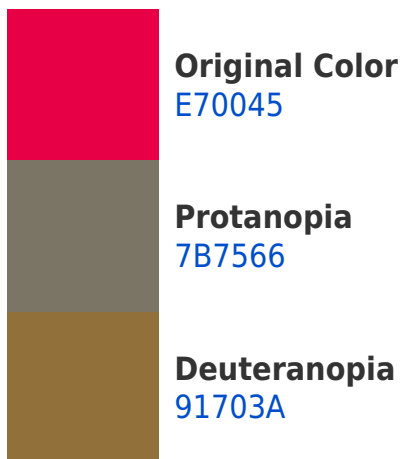


This preview shows how white text looks on a background with the Hex color E70045.

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
E61C17

Trichromacy



Original Color
E70045



Protanomaly
A24A5A



Deuteranomaly
B0473E



Tritanomaly
E61228

Monochromacy



Original Color
E70045



Achromatopsia
4D4D4D



Achromatomaly
85314A

CSS Examples

Text

The CSS property to change the color of the text to Hex E70045 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 #E70045 looks like.

```
.text, #text, p{  
    color:#E70045  
}
```

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 #E70045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70045
}
```

Border

The CSS property to change the border of an element to Hex E70045 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".

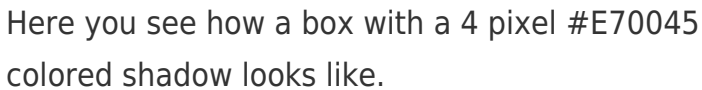
```
.border, #border, table{ border:4px solid
#E70045 }
```

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

```
.border{ border-color:#E70045 }
```

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

Here you see how a box with a 4 pixel #E70045 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow's appearance.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70045; -webkit-box-shadow:4px 4px  
4px 4px #E70045; box-shadow:4px 4px 4px  
4px #E70045 }
```

Background

The CSS property to change the background color of an element to Hex E70045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70045 }
```

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

```
.background{ background-color:#E70045 }
```

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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