

Converting Colors

Hex(E70033)

Have a look what the booklet for
Hex(E70033) contains.

Hex(E70033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E70033)

Conversions

Conversions Part 1

Format	Color
Hex	E70033
RGB	231, 0, 51
RGB Percent	91%, 0%, 20%
CMY	0.0941, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.78, 0.09
HSL	347°, 100%, 45%
HSV	347°, 100%, 91%
XYZ	33.5525, 17.2279, 4.6889
YIQ	74.8830, 121.3050, 64.8330

Conversions

Conversions Part 2

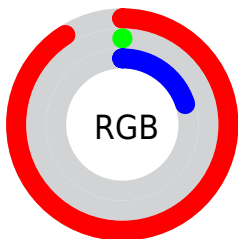
Format	Color
R_YB	231, 0, 51
Decimal	15138867
CIE _{Lab}	48.55, 75.16, 41.18
CIE _{LCh}	49, 85.701, 28.721
Yxy	17.2279, 0.6049, 0.3106
Android (android.graphics.Color)	4293328947 (0xFFE70033)
YUV	74.8830, -11.7743, 136.9146
Hunter-Lab	41.5066, 71.6571, 22.3568

Details

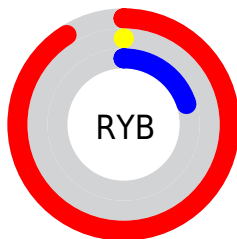
The Hex color **E70033** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **00E7B4**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5C62**, and **A60008** is the 20% darker color. If you saturate the color by 10%, you get **E70033**, and if you desaturate by 10%, it is **E71745**.

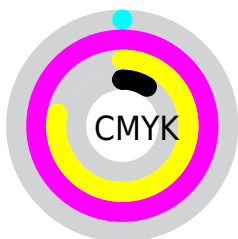
Distribution



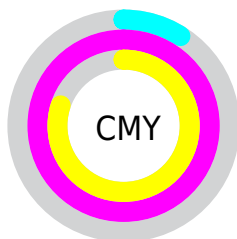
- Red (91%)
- Green (0%)
- Blue (20%)



- Red (91%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (9%)



- Cyan (9%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70033 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 E70033 by changing the saturation by 10% instead.

 E70033

 E70033

FFFFFF

 C6001E

 FF5C62

 A60008

 FF7B7B

 860000

 FF9995

 650002

 FFB7AF

 480004

 FFD5CB

 270001

 FFF3E7

 000000

 E70033

 E71745

 E72E57

 E74569

 E75C7B

 E7748D

 E78B9F

 E7A2B1

 E7B9C3

 E7D0D5

Harmonies

Analogous

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



EA007A



E70033



C54E00

Triad

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



E70033



008C1C



007FFF

Complementary

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



E70033



00E7B4

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.



008DF0



E70033



00906E

Square

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



E70033



458300



0091B8



5861F5

Rectangle

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



E70033



A36600



0091B8



0085FF

Sweetspot

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



E70033



FFB3C3



B100E7



80525C



000000



808080

Same Dimension

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



E70033



FF0038



E73E00



73676A



B30027



33000B

Inverse Universe

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



E70033



FF0038



00A9E7



73676A



B30027



33000B

Previews

White Background



This preview shows how the Hex color E70033 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 E70033 Background



This preview shows how black text looks on a background with the Hex color E70033.



This preview shows how white text looks on a background with the Hex color E70033.

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
E70033

Protanopia
7F754E

Deuteranopia
936F24



Tritanopia
E61509

Trichromacy



Original Color
E70033



Protanomaly
A54A44



Deuteranomaly
B24729



Tritanomaly
E60D18

Monochromacy



Original Color
E70033



Achromatopsia
4B4B4B



Achromatomaly
843042

CSS Examples

Text

The CSS property to change the color of the text to Hex E70033 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 #E70033 looks like.

```
.text, #text, p{  
    color:#E70033  
}
```

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 #E70033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70033
}
```

Border

The CSS property to change the border of an element to Hex E70033 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".

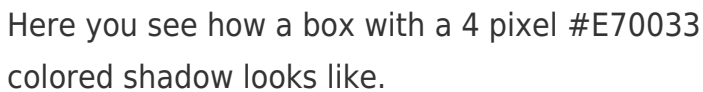
```
.border, #border, table{ border:4px solid
#E70033 }
```

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

```
.border{ border-color:#E70033 }
```

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

Here you see how a box with a 4 pixel #E70033 colored shadow looks like.

A rectangular box with a thick red border and a red drop shadow. The box is white with a red border and a red shadow that is offset to the right and bottom.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70033; -webkit-box-shadow:4px 4px  
4px 4px #E70033; box-shadow:4px 4px 4px  
4px #E70033 }
```

Background

The CSS property to change the background color of an element to Hex E70033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70033 }
```

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

```
.background{ background-color:#E70033 }
```

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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