

Converting Colors

Hex(E70005)

Have a look what the booklet for
Hex(E70005) contains.

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Color

Hex(E70005)

Conversions

Conversions Part 1

Format	Color
Hex	E70005
RGB	231, 0, 5
RGB Percent	91%, 0%, 2%
CMY	0.0941, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.98, 0.09
HSL	359°, 100%, 45%
HSV	359°, 100%, 91%
XYZ	32.9824, 16.9999, 1.6865
YIQ	69.6390, 136.0710, 50.5270

Conversions

Conversions Part 2

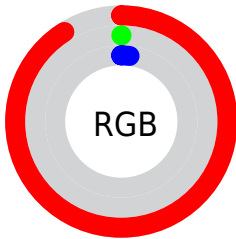
Format	Color
R_{YB}	231, 0, 5
Decimal	15138821
CIE Lab	48.26, 74.38, 60.94
CIE LCh	48, 96.153, 39.328
Yxy	16.9999, 0.6383, 0.3290
Android (android.graphics.Color)	4293328901 (0xFFE70005)
YUV	69.6390, -31.8670, 141.5136
Hunter-Lab	41.2309, 70.6358, 26.4364

Details

The Hex color **E70005** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **00E7E2**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **FF5B3B**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E70005**, and if you desaturate by 10%, it is **E7171C**.

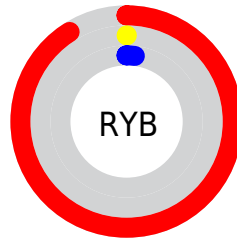
Distribution



Red (91%)

Green (0%)

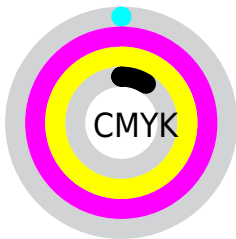
Blue (2%)



Red (91%)

Yellow (0%)

Blue (2%)

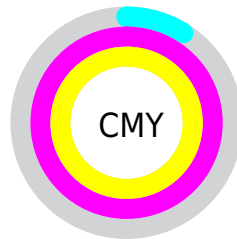


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (9%)



Cyan (9%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70005 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 E70005 by changing the saturation by 10% instead.

 E70005

 E70005

 FFFFFFF7

 C60000

 FF5B3B

 A50000

 FF7A54

 840000

 FF986D

 640002

 FFB588

 460003

 FFD3A2

 250001

 FFF2BE

 000000

 FFFFDA

 E70005

 E7171C

 E72E32

 E74549

 E75C5F

 E77476

 E78B8D

 E7A2A3

 E7B9BA

 E7D0D0

Harmonies

Analogous

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



F9005E



E70005



B85800

Triad

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



E70005



008F33



0077FF

Complementary

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



E70005



00E7E2

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.



008BFF



E70005



00928B

Square

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



E70005



008800



0092D9



8B4BF3

Rectangle

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



E70005



8E6F00



0092D9



0080FF

Sweetspot

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



E70005



FFB3B4



DF00E7



805253



000000



808080

Same Dimension

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



E70005



FF0006



E76C00



736768



B30004



330001

Inverse Universe

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



E70005



FF0006



007BE7



736768



B30004



330001

Previews

White Background



This preview shows how the Hex color E70005 looks on a white background.

Color Contrast Check

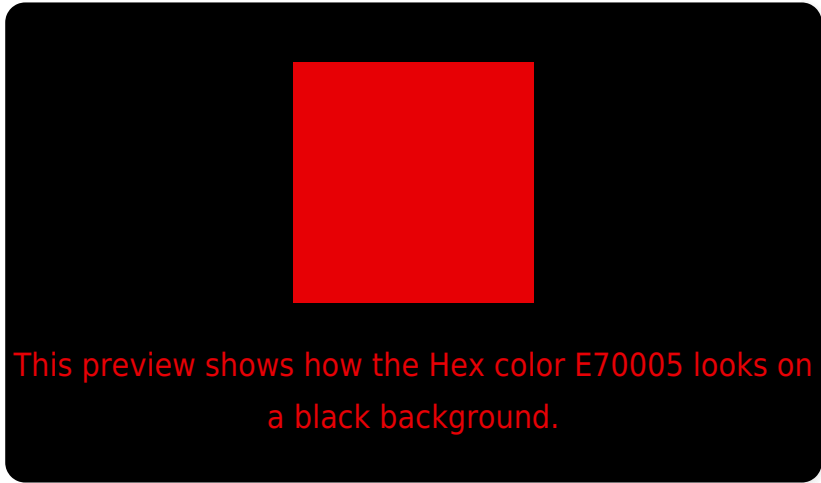
Large Text (above 18pt) WCAG AA ✓ Pass

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 E70005 Background



This preview shows how black text looks on a background with the Hex color E70005.



This preview shows how white text looks on a background with the Hex color E70005.

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
E70005

Protanopia
83751F

Deuteranopia
936F00



Tritanopia
E51500

Trichromacy



Original Color
E70005



Protanomaly
A74A16



Deuteranomaly
B24702



Tritanomaly
E60D02

Monochromacy



Original Color
E70005



Achromatopsia
464646



Achromatomaly
812D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex E70005 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 #E70005 looks like.

```
.text, #text, p{  
    color:#E70005  
}
```

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 #E70005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70005  
}
```

Border

The CSS property to change the border of an element to Hex E70005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

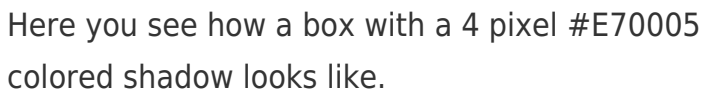
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E70005 }
```

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

```
.border{ border-color:#E70005 }
```

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



Here you see how a box with a 4 pixel `#E70005` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70005; -webkit-box-shadow:4px 4px  
4px 4px #E70005; box-shadow:4px 4px 4px  
4px #E70005 }
```

Background

The CSS property to change the background color of an element to Hex E70005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70005 }
```

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

```
.background{ background-color:#E70005 }
```

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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