

Converting Colors

Hex(E70700)

Have a look what the booklet for
Hex(E70700) contains.

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Color

Hex(E70700)

Conversions

Conversions Part 1

Format	Color
Hex	E70700
RGB	231, 7, 0
RGB Percent	91%, 3%, 0%
CMY	0.0941, 0.9725, 1.0000
CMYK	0.00, 0.97, 1.00, 0.09
HSL	2°, 100%, 45%
HSV	2°, 100%, 91%
XYZ	33.0310, 17.1409, 1.5676
YIQ	73.1780, 135.7510, 45.3110

Conversions

Conversions Part 2

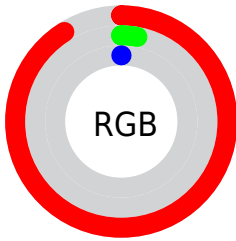
Format	Color
RYB	231, 7, 0
Decimal	15140608
CIELab	48.44, 73.79, 62.44
CIElCh	48, 96.662, 40.241
Yxy	17.1409, 0.6384, 0.3313
Android (android.graphics.Color)	4293330688 (0xFFE70700)
YUV	73.1780, -36.0768, 138.4099
Hunter-Lab	41.4015, 69.9581, 26.7362

Details

The Hex color **E70700** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **00E0E7**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF5D38**, and **A50000** is the 20% darker color. If you saturate the color by 10%, you get **E70700**, and if you desaturate by 10%, it is **E71D17**.

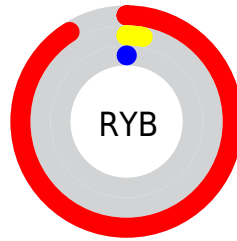
Distribution



Red (91%)

Green (3%)

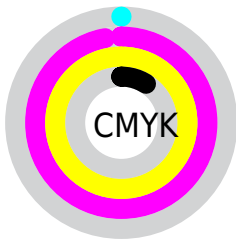
Blue (0%)



Red (91%)

Yellow (3%)

Blue (0%)

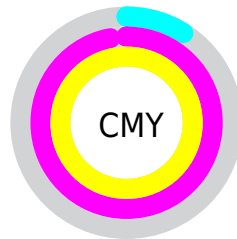


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color E70700 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 E70700 by changing the saturation by 10% instead.

 E70700

 E70700

 FFFFF4

 C60000

 FF5D38

 A50000

 FF7B51

 840000

 FF996B

 640002

 FFB785

 460004

 FFD5A0

 260001

 FFF3BB

 000000

 FFFFD8

 E70700

 E71D17

 E7342E

 E74A45

 E7615C

 E77774

 E78D8B

 E7A4A2

 E7BAB9

 E7D1D0

Harmonies

Analogous

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



FA005C



E70700



B75A00

Triad

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



E70700



008F36



0076FF

Complementary

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



E70700



00E0E7

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



E70700



00928E

Square

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



E70700



008900



0092DD



9049F2

Rectangle

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



E70700



8C7100



0092DD



007FFF

Sweetspot

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



E70700



FFB5B3



E700E3



805352



000000



808080

Same Dimension

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



E70700



FF0800



E77700



736867



B30500



330200

Inverse Universe

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



00E0E7



00F7FF



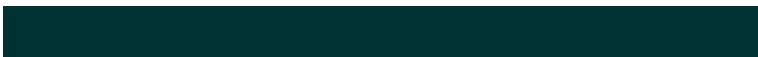
0070E7



677273



00ADB3



003133

Previews

White Background



This preview shows how the Hex color E70700 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 E70700 Background



This preview shows how black text looks on a background with the Hex color E70700.



This preview shows how white text looks on a background with the Hex color E70700.

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
E70700

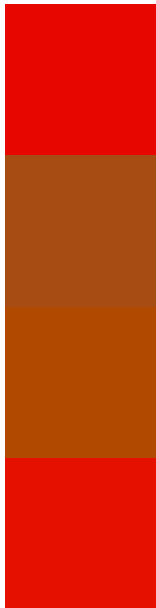
Protanopia
83751E

Deuteranopia
936F00



Tritanopia
E51500

Trichromacy



Original Color
E70700

Protanomaly
A74D13

Deuteranomaly
B24900

Tritanomaly
E61000

Monochromacy



Original Color
E70700

Achromatopsia
494949

Achromatomaly
82312E

CSS Examples

Text

The CSS property to change the color of the text to Hex E70700 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 #E70700 looks like.

```
.text, #text, p{  
    color:#E70700  
}
```

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 #E70700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E70700
}
```

Border

The CSS property to change the border of an element to Hex E70700 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".

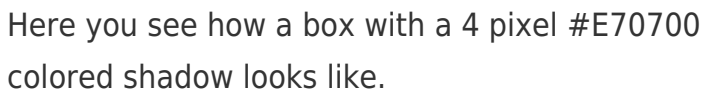
```
.border, #border, table{ border:4px solid
#E70700 }
```

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

```
.border{ border-color:#E70700 }
```

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

Here you see how a box with a 4 pixel #E70700 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E70700; -webkit-box-shadow:4px 4px  
4px 4px #E70700; box-shadow:4px 4px 4px  
4px #E70700 }
```

Background

The CSS property to change the background color of an element to Hex E70700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E70700 }
```

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

```
.background{ background-color:#E70700 }
```

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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