

Converting Colors

Hex(ED0007)

Have a look what the booklet for
Hex(ED0007) contains.

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Color

Hex(ED0007)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | ED0007 |
| RGB | 237, 0, 7 |
| RGB Percent | 93%, 0%, 3% |
| CMY | 0.0706, 1.0000, 0.9725 |
| CMYK | 0.00, 1.00, 0.97, 0.07 |
| HSL | 358°, 100%, 46% |
| HSV | 358°, 100%, 93% |
| XYZ | 34.9634, 18.0199, 1.8364 |
| YIQ | 71.6610, 139.0050, 52.4210 |

Conversions

Conversions Part 2

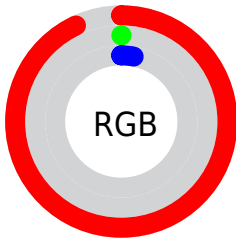
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 237, 0, 7 |
| Decimal | 15532039 |
| CIELab | 49.52, 75.84, 61.68 |
| CIELCh | 50, 97.755, 39.118 |
| Yxy | 18.0199, 0.6378, 0.3287 |
| Android (android.graphics.Color) | 4293722119 (0xFFED0007) |
| YUV | 71.6610, -31.8779, 145.0023 |
| Hunter-Lab | 42.4498, 72.7327, 27.1499 |

Details

The Hex color **ED0007** 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 **00EDE6**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **FF5D3D**, and **AA0000** is the 20% darker color. If you saturate the color by 10%, you get **ED0007**, and if you desaturate by 10%, it is **ED181E**.

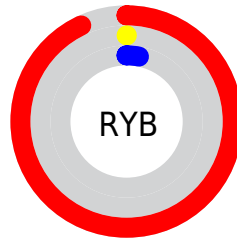
Distribution



Red (93%)

Green (0%)

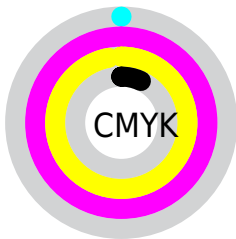
Blue (3%)



Red (93%)

Yellow (0%)

Blue (3%)

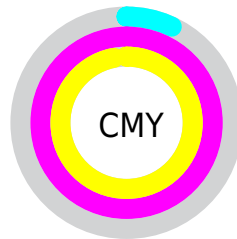


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (7%)



Cyan (7%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color ED0007 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 ED0007 by changing the saturation by 10% instead.

 ED0007

 ED0007

 FFFFF9

 CB0000

 FF5D3D

 AA0000

 FF7B56

 890000

 FF996F

 690002

 FFB78A

 4C0004

 FFD5A5

 2B0001

 FFF4C0

 000000

 FFFFDC

 ED0007

 ED181E

 ED2F35

 ED474C

 ED5F63

 ED767A

 ED8E91

 EDA6A8

 EDBEBF

 EDD5D6

Harmonies

Analogous

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



FF0061



ED0007



BD5A00

Triad

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



ED0007



009234



007AFF

Complementary

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



ED0007



00EDE6

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.



008FFF



ED0007



00958E

Square

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



ED0007



008B00



0096DE



8E4EF9

Rectangle

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



ED0007



927200



0096DE



0083FF

Sweetspot

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



ED0007



FFB3B5



E500ED



805253



000000



808080

Same Dimension

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



ED0007



FF0008



ED6F00



756A6A



B50005



360002

Inverse Universe

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



ED0007



FF0008



007EED



756A6A



B50005



360002

Previews

White Background



This preview shows how the Hex color ED0007 looks on a white background.

Color Contrast Check

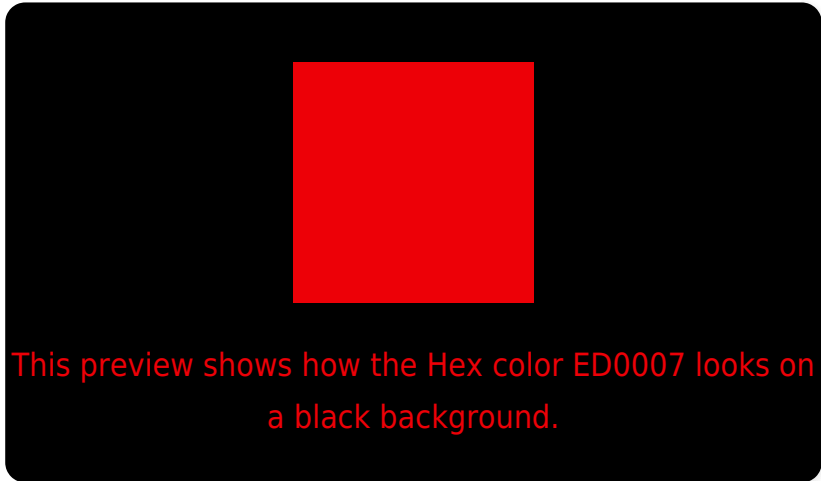
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 ED0007 Background



This preview shows how black text looks on a background with the Hex color ED0007.



This preview shows how white text looks on a background with the Hex color ED0007.

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
ED0007

Protanopia
867820

Tritanopia
EB1600

Trichromacy



Original Color
ED0007

Protanomaly
AB4C17

Tritanomaly
EC0E03

Monochromacy



Original Color
ED0007

Achromatopsia
484848

Achromatomaly
842E30

CSS Examples

Text

The CSS property to change the color of the text to Hex ED0007 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 #ED0007 looks like.

```
.text, #text, p{  
    color:#ED0007  
}
```

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 #ED0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED0007
}
```

Border

The CSS property to change the border of an element to Hex ED0007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

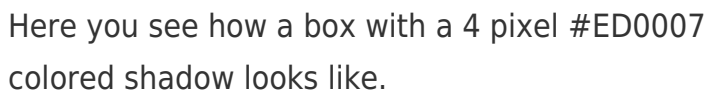
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#ED0007 }
```

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

```
.border{ border-color:#ED0007 }
```

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



Here you see how a box with a 4 pixel #ED0007 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED0007; -webkit-box-shadow:4px 4px  
4px 4px #ED0007; box-shadow:4px 4px 4px  
4px #ED0007 }
```

Background

The CSS property to change the background color of an element to Hex ED0007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED0007 }
```

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

```
.background{ background-color:#ED0007 }
```

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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