

Converting Colors

Hex(83070E)

Have a look what the booklet for
Hex(83070E) contains.

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Color

Hex(83070E)

Conversions

Conversions Part 1

Format	Color
Hex	83070E
RGB	131, 7, 14
RGB Percent	51%, 3%, 5%
CMY	0.4863, 0.9725, 0.9451
CMYK	0.00, 0.95, 0.89, 0.49
HSL	357°, 90%, 27%
HSV	357°, 95%, 51%
XYZ	9.5153, 5.0090, 0.8808
YIQ	44.8740, 71.6570, 28.4650

Conversions

Conversions Part 2

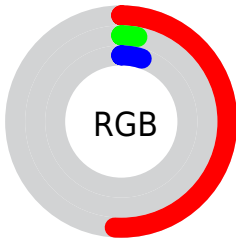
Format	Color
RYB	131, 7, 14
Decimal	8587022
CIELab	26.76, 47.85, 33.54
CIElCh	27, 58.438, 35.026
Yxy	5.0090, 0.6177, 0.3252
Android (android.graphics.Color)	4286777102 (0xFF83070E)
YUV	44.8740, -15.2209, 75.5325
Hunter-Lab	22.3807, 36.7243, 13.3332

Details

The Hex color **83070E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **07837C**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **BF4639**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **830007**, and if you desaturate by 10%, it is **83141A**.

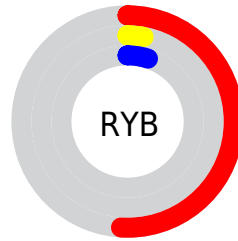
Distribution



Red (51%)

Green (3%)

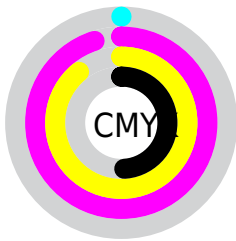
Blue (5%)



Red (51%)

Yellow (3%)

Blue (5%)

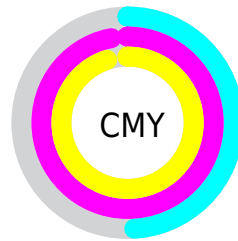


Cyan (0%)

Magenta (95%)

Yellow (89%)

Black (49%)



Cyan (49%)

Magenta (97%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83070E 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 83070E by changing the saturation by 10% instead.

 83070E

 83070E

 FFFFF0

 660000

 BF4639

 480000

 DE6151

 2E0002

 FD7C69

 000000

 FF9782

 FFB39C

 FFCFB7

 FFECD3

 83070E

 83070E

■ 830007

■ 83141A

■ 832127

■ 832E33

■ 833B3F

■ 83494C

■ 835658

■ 836365

■ 837071

■ 837D7D

Harmonies

Analogous

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



8A003A



83070E



6B2D00

Triad

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



83070E



004F15



00439A

Complementary

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



83070E



07837C

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.



004E91



83070E



005146

Square

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



83070E



154A00



005172



432F8A

Rectangle

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



83070E



553B00



005172



00489A

Sweetspot

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



83070E



AB7B7E



7B0783



57393B



D6D6D6



575757

Same Dimension

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



83070E



AB000A



833D07



423C3C



820007



030000

Inverse Universe

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



83070E



AB000A



074D83



423C3C



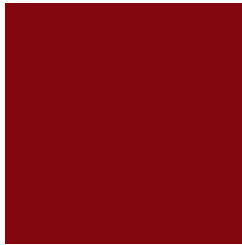
820007



030000

Previews

White Background



This preview shows how the Hex color 83070E looks on a white background.

Color Contrast Check

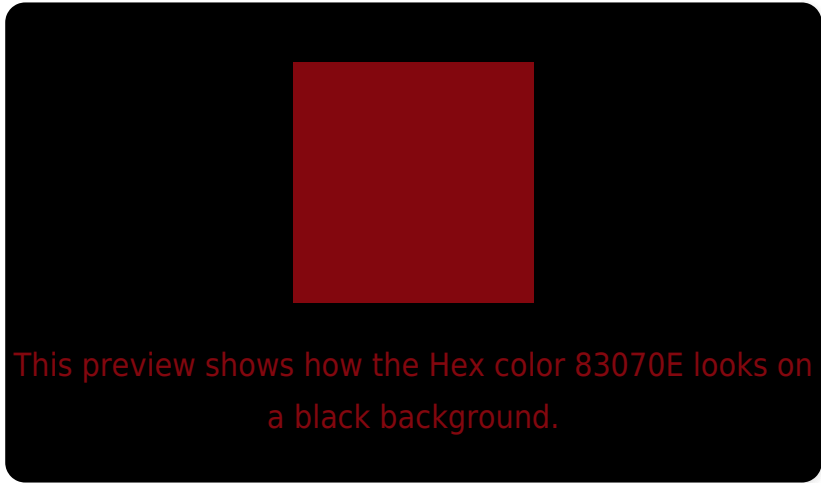
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 83070E Background



This preview shows how black text looks on a background with the Hex color 83070E.



This preview shows how white text looks on a background with the Hex color 83070E.

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
83070E

Protanopia
4A4219

Deuteranopia
543F00



Tritanopia
820C00

Trichromacy



Original Color
83070E

Protanomaly
5F2D15

Deuteranomaly
652B05

Tritanomaly
820A05

Monochromacy



Original Color
83070E

Achromatopsia
2D2D2D

Achromatomaly
4C1F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 83070E 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 #83070E looks like.

```
.text, #text, p{  
    color:#83070E  
}
```

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 #83070E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83070E
}
```

Border

The CSS property to change the border of an element to Hex 83070E is called "border". The border property can be set on classes, ids or directly on the HTML element.

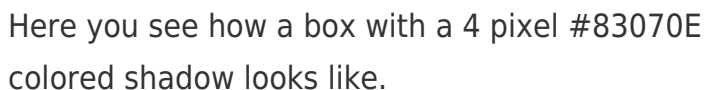
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83070E }
```

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

```
.border{ border-color:#83070E }
```

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



Here you see how a box with a 4 pixel #83070E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83070E; -webkit-box-shadow:4px 4px  
4px 4px #83070E; box-shadow:4px 4px 4px  
4px #83070E }
```

Background

The CSS property to change the background color of an element to Hex 83070E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83070E }
```

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

```
.background{ background-color:#83070E }
```

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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