

Converting Colors

Hex(850017)

Have a look what the booklet for
Hex(850017) contains.

| | |
|--|----|
| Hex(850017) | 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(850017)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 850017 |
| RGB | 133, 0, 23 |
| RGB Percent | 52%, 0%, 9% |
| CMY | 0.4784, 1.0000, 0.9098 |
| CMYK | 0.00, 1.00, 0.83, 0.48 |
| HSL | 350°, 100%, 26% |
| HSV | 350°, 100%, 52% |
| XYZ | 9.8275, 5.0484, 1.2671 |
| YIQ | 42.3890, 71.8850, 35.3490 |

Conversions

Conversions Part 2

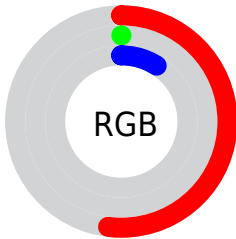
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 133, 0, 23 |
| Decimal | 8716311 |
| CIE _{Lab} | 26.87, 49.88, 28.60 |
| CIE _{LCh} | 27, 57.498, 29.823 |
| Yxy | 5.0484, 0.6088, 0.3127 |
| Android (android.graphics.Color) | 4286906391 (0xFF850017) |
| YUV | 42.3890, -9.5588, 79.4658 |
| Hunter-Lab | 22.4687, 38.7536, 12.3845 |

Details

The Hex color **850017** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00856E**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **C14442**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **850017**, and if you desaturate by 10%, it is **850D22**.

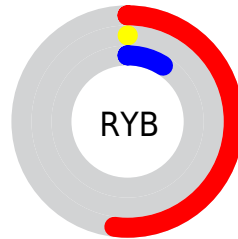
Distribution



Red (52%)

Green (0%)

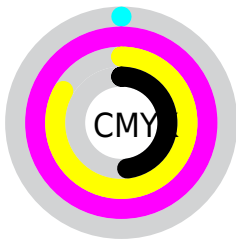
Blue (9%)



Red (52%)

Yellow (0%)

Blue (9%)

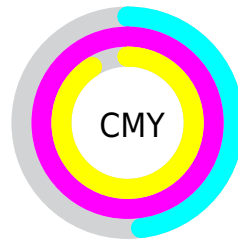


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (48%)



Cyan (48%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 850017 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 850017 by changing the saturation by 10% instead.

 850017

 850017

 FFFFFA

 680000

 C14442

 4A0000

 E05F5A

 2F0002

 FF7A72

 000000

 FF968C

 FF2A6

 FFCEC1

 FFE8DD

 850017

 850D22

 851B2D

 852838

 853543

 85434E

 855059

 855D64

 856A6F

 85787A

Harmonies

Analogous

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



880042



850017



702A00

Triad

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



850017



004E0D



004699

Complementary

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



850017



00856E

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.



004F8C



850017



00513E

Square

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



850017



224900



00516B



33348D

Rectangle

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



850017



5B3800



00516B



004A98

Sweetspot

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



850017



AD7982



6D0085



57373D



D6D6D6



575757

Same Dimension

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



850017



AD001E



852A00



423C3D



820016



030000

Inverse Universe

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



850017



AD001E



005B85



423C3D



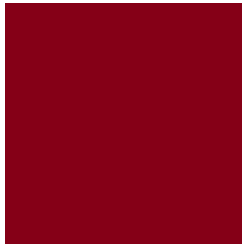
820016



030000

Previews

White Background



This preview shows how the Hex color 850017 looks on a white background.

Color Contrast Check

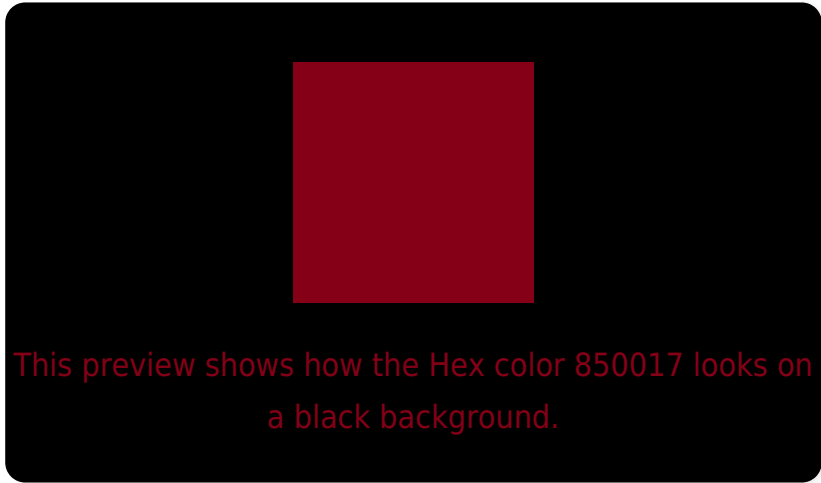
Large Text (above 18pt) WCAG AA ✓ Pass

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 850017 Background



This preview shows how black text looks on a background with the Hex color 850017.



This preview shows how white text looks on a background with the Hex color 850017.

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
850017

Protanopia
4A4325

Deuteranopia
55400A



Tritanopia
840C00

Trichromacy



Original Color
850017

Protanomaly
5F2B20

Deuteranomaly
66290F

Tritanomaly
840808

Monochromacy



Original Color
850017

Achromatopsia
2A2A2A

Achromatomaly
4B1B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 850017 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 #850017 looks like.

```
.text, #text, p{  
    color:#850017  
}
```

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 #850017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #850017
}
```

Border

The CSS property to change the border of an element to Hex 850017 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
#850017 }
```

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

```
.border{ border-color:#850017 }
```

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

Here you see how a box with a 4 pixel #850017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #850017; -webkit-box-shadow:4px 4px  
4px 4px #850017; box-shadow:4px 4px 4px  
4px #850017 }
```

Background

The CSS property to change the background color of an element to Hex 850017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#850017 }
```

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

```
.background{ background-color:#850017 }
```

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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