

# Converting Colors

Hex(830505)

Have a look what the booklet for  
Hex(830505) contains.

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**Color**

**Hex(830505)**

# Conversions

## Conversions Part 1

Format	Color
Hex	830505
RGB	131, 5, 5
RGB Percent	51%, 2%, 2%
CMY	0.4863, 0.9804, 0.9804
CMYK	0.00, 0.96, 0.96, 0.49
HSL	0°, 93%, 27%
HSV	0°, 96%, 51%
XYZ	9.4417, 4.9448, 0.6004
YIQ	42.6740, 75.0960, 26.7120

# Conversions

## Conversions Part 2

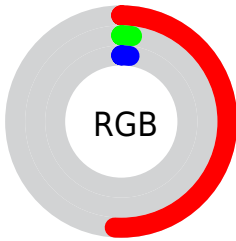
Format	Color
<a href="#">RYB</a>	<a href="#">131, 5, 5</a>
Decimal	<a href="#">8586501</a>
CIELab	<a href="#">26.58, 48.04, 37.23</a>
CIElCh	<a href="#">27, 60.784, 37.776</a>
Yxy	<a href="#">4.9448, 0.6300, 0.3299</a>
Android (android.graphics.Color)	<a href="#">4286776581 (0xFF830505)</a>
YUV	<a href="#">42.6740, -18.5733, 77.4619</a>
Hunter-Lab	<a href="#">22.2369, 36.8762, 13.9650</a>

# Details

The Hex color **830505** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **058383**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **C04532**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **830000**, and if you desaturate by 10%, it is **831212**.

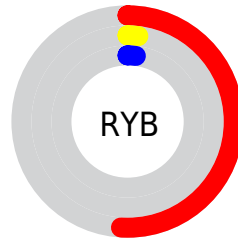
# Distribution



Red (51%)

Green (2%)

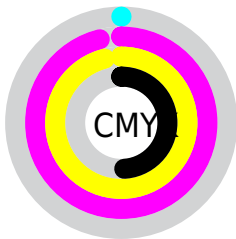
Blue (2%)



Red (51%)

Yellow (2%)

Blue (2%)

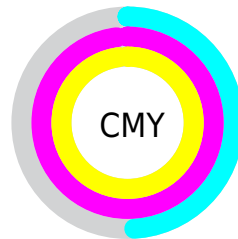


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (49%)



Cyan (49%)

Magenta (98%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 830505 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 830505 by changing the saturation by 10% instead.



 830505

 830505

 FFFFE8

 650000

 C04532

 480000

 DF604A

 2D0001

 FE7B62

 000000

 FF967B

 FFB295

 FFCEB0

 FFEBCB

 830505

 830505

■ 830000

■ 831212

■ 831F1F

■ 832C2C

■ 833939

■ 834646

■ 835454

■ 836161

■ 836E6E

■ 837B7B

# Harmonies

## Analogous

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



8C0035



830505



692E00

# Triad

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



830505



004F18



00429D

# Complementary

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



830505



058383

# 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.



004D96



830505



00514A

# Square

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



830505



044B00



005177



492A8A

# Rectangle

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



830505



513C00



005177



00479E



# Sweetspot

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



830505



AB7979



830583



573838



D6D6D6



575757



# Same Dimension

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



830505



AB0000



834405



423C3C



820000



030000



# Inverse Universe

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



058383



00ABAB



054483



3C4242



008282

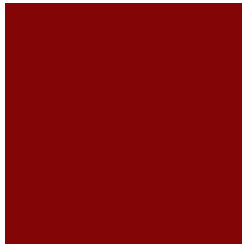


000303



# Previews

## White Background



This preview shows how the Hex color 830505 looks on a white background.

## Color Contrast Check

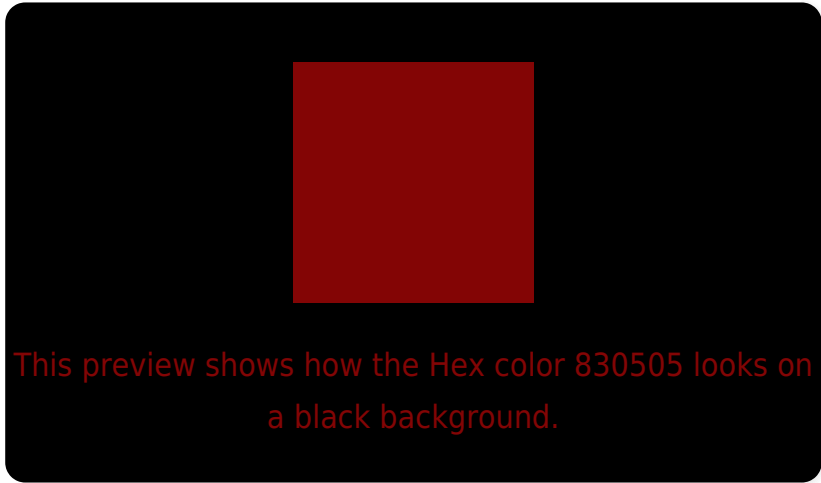
Large Text (above 18pt) WCAG AA ✓ Pass

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 830505 Background



This preview shows how black text looks on a background with the Hex color 830505.



This preview shows how white text looks on a background with the Hex color 830505.

# 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**  
830505

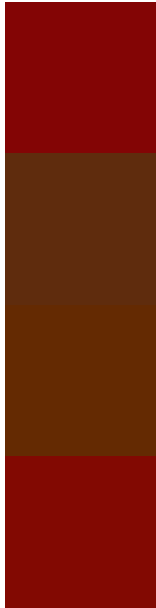
**Protanopia**  
4A4212

**Deuteranopia**  
533F00



**Tritanopia**  
820C00

# Trichromacy



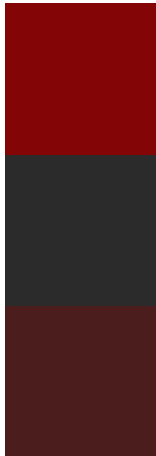
**Original Color**  
830505

**Protanomaly**  
5F2C0D

**Deuteranomaly**  
642A02

**Tritanomaly**  
820902

# Monochromacy



**Original Color**  
830505

**Achromatopsia**  
2B2B2B

**Achromatomaly**  
4B1D1D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 830505 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 #830505 looks like.

```
.text, #text, p{  
    color:#830505  
}
```

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 #830505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830505
}
```

## Border

The CSS property to change the border of an element to Hex 830505 is called "border". The border property can be set on classes, ids or directly on the HTML element.

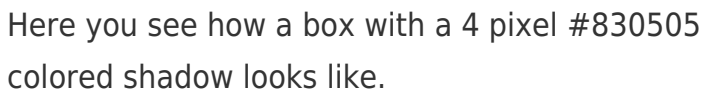
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830505 }
```

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

```
.border{ border-color:#830505 }
```

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



Here you see how a box with a 4 pixel #830505 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830505; -webkit-box-shadow:4px 4px  
4px 4px #830505; box-shadow:4px 4px 4px  
4px #830505 }
```

# Background

The CSS property to change the background color of an element to Hex 830505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830505 }
```

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

```
.background{ background-color:#830505 }
```

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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