

# Converting Colors

Hex(873100)

Have a look what the booklet for  
Hex(873100) contains.

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**Color**

**Hex(873100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	873100
RGB	135, 49, 0
RGB Percent	53%, 19%, 0%
CMY	0.4706, 0.8078, 1.0000
CMYK	0.00, 0.64, 1.00, 0.47
HSL	22°, 100%, 26%
HSV	22°, 100%, 53%
XYZ	11.0900, 7.3475, 0.8337
YIQ	69.1280, 66.9850, 2.9930

# Conversions

## Conversions Part 2

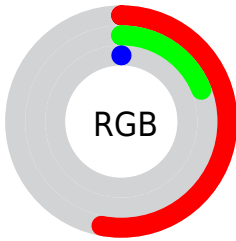
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	135, 77, 0
Decimal	8859904
CIE Lab	32.59, 34.91, 44.26
CIE LCh	33, 56.365, 51.737
Yxy	7.3475, 0.5755, 0.3813
Android (android.graphics.Color)	4287049984 (0xFF873100)
YUV	69.1280, -34.0801, 57.7697
Hunter-Lab	27.1063, 25.5935, 17.1508

# Details

The Hex color **873100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005687**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C36332**, and **4D0000** is the 20% darker color. If you saturate the color by 10%, you get **873100**, and if you desaturate by 10%, it is **873A0D**.

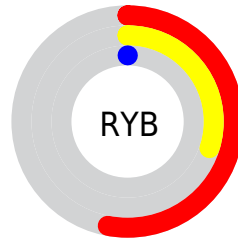
# Distribution



Red (53%)

Green (19%)

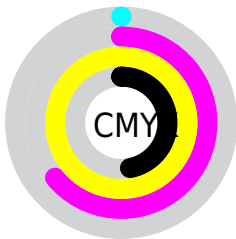
Blue (0%)



Red (53%)

Yellow (30%)

Blue (0%)

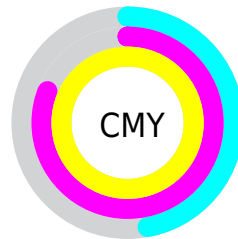


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (81%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 873100 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 873100 by changing the saturation by 10% instead.



 873100

 873100

 FFFFEA

 6A1800


 C36332

 4D0000

 E17C4A

 330000

 FF9762

 080000

 FFB27C

 000000

 FFCE96

 FFEBB2

 FFFFCD

 873100

 873A0D

 87421B

 874B29

 875336

 875C44

 876551

 876D5E

 87766C

 877E7A

# Harmonies

## Analogous

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



98142F



873100



694600

# Triad

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



873100



005F3E



2346A0

# Complementary

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



873100



005687

# 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.



0056A6



873100



00606D

# Square

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



873100



005B0C



005D92



742E84

# Rectangle

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



873100



4F5000



005D92



004DA5



# Sweetspot

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



873100



B08E7B



870058



594539



D9D9D9



595959



# Same Dimension

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



873100



B04000



877300



423E3C



822F00



030100



# Inverse Universe

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



005687



0070B0



001487



3C4042



005382



000203



# Previews

## White Background



This preview shows how the Hex color 873100 looks on a white background.

## Color Contrast Check

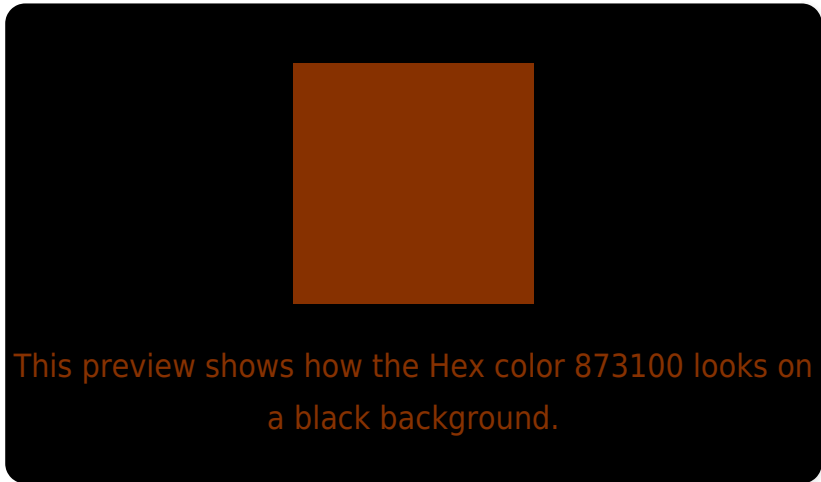
Large Text (above 18pt) WCAG AA ✓ Pass

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

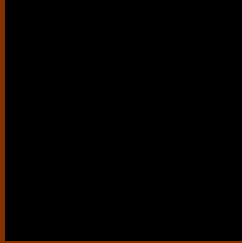
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 873100 Background



This preview shows how black text looks on a background with the Hex color 873100.



This preview shows how white text looks on a background with the Hex color 873100.

# 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**  
873100

**Protanopia**  
584E0E

**Deuteranopia**  
624A00



**Tritanopia**  
882E30

# Trichromacy



**Original Color**  
873100

**Protanomaly**  
694309

**Deuteranomaly**  
6F4100

**Tritanomaly**  
882F1F

# Monochromacy



**Original Color**  
873100

**Achromatopsia**  
454545

**Achromatomaly**  
5D3E2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 873100 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 #873100 looks like.

```
.text, #text, p{  
    color:#873100  
}
```

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 #873100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #873100
}
```

## Border

The CSS property to change the border of an element to Hex 873100 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
#873100 }
```

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

```
.border{ border-color:#873100 }
```

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

Here you see how a box with a 4 pixel #873100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #873100; -webkit-box-shadow:4px 4px  
4px 4px #873100; box-shadow:4px 4px 4px  
4px #873100 }
```

# Background

The CSS property to change the background color of an element to Hex 873100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#873100 }
```

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

```
.background{ background-color:#873100 }
```

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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