

# Converting Colors

Hex(834200)

Have a look what the booklet for  
Hex(834200) contains.

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**Color**

**Hex(834200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	834200
RGB	131, 66, 0
RGB Percent	51%, 26%, 0%
CMY	0.4863, 0.7412, 1.0000
CMYK	0.00, 0.50, 1.00, 0.49
HSL	30°, 100%, 26%
HSV	30°, 100%, 51%
XYZ	11.3083, 8.7217, 1.0874
YIQ	77.9110, 59.9260, -6.7460

# Conversions

## Conversions Part 2

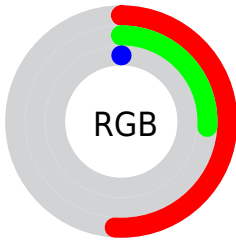
Format	Color
<a href="#">RYB</a>	<a href="#">129, 131, 0</a>
Decimal	<a href="#">8602112</a>
CIELab	<a href="#">35.44, 24.18, 45.62</a>
CIELCh	<a href="#">35, 51.636, 62.076</a>
Yxy	<a href="#">8.7217, 0.5355, 0.4130</a>
Android (android.graphics.Color)	<a href="#">4286792192 (0xFF834200)</a>
YUV	<a href="#">77.9110, -38.4101, 46.5591</a>
Hunter-Lab	<a href="#">29.5326, 16.6673, 18.4896</a>

# Details

The Hex color **834200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004183**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **BE7334**, and **4B1500** is the 20% darker color. If you saturate the color by 10%, you get **834200**, and if you desaturate by 10%, it is **83490D**.

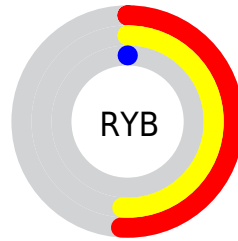
# Distribution



Red (51%)

Green (26%)

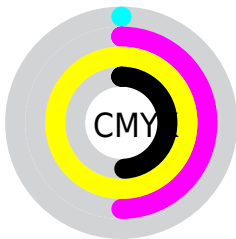
Blue (0%)



Red (51%)

Yellow (51%)

Blue (0%)

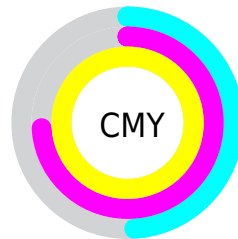


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 834200 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 834200 by changing the saturation by 10% instead.



 834200

 834200

 FFFFEE

 672B00

 BE7334

 4B1500

 DB8D4D

 300000

 FAA766

 0C0000

 FFC380

 000000

 FFDF9B

 FFFBB6

 FFFFD2

 834200

 83490D

 834F1A

 835627

 835C34

 836342

 83694F

 83705C

 837669

 837C76

# Harmonies

## Analogous

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



972E2A



834200



635300

# Triad

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



834200



006655



54479A

# Complementary

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



834200



004183

# 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.



0058A7



834200



00657E

# Square

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



834200



00632A



00619C



86317B

# Rectangle

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



834200



485A00



00619C



374DA1



# Sweetspot

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



834200



AB9178



830042



574737



D6D6D6



575757



# Same Dimension

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



834200



AB5600



838300



423F3C



824200



030100



# Inverse Universe

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



004183



0055AB



000083



3C3F42



004182

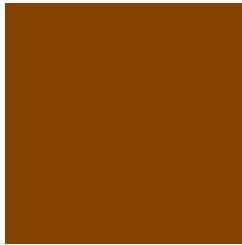


000103



# Previews

## White Background



This preview shows how the Hex color 834200 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

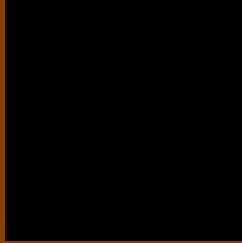
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 834200 Background



This preview shows how black text looks on a background with the Hex color 834200.



This preview shows how white text looks on a background with the Hex color 834200.

# 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**  
834200

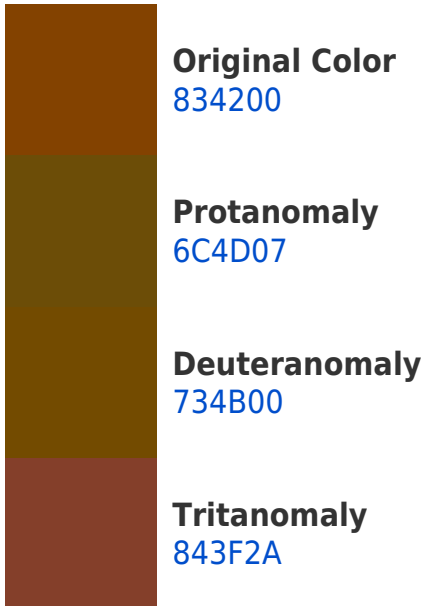
**Protanopia**  
5F540B

**Deuteranopia**  
6A5000

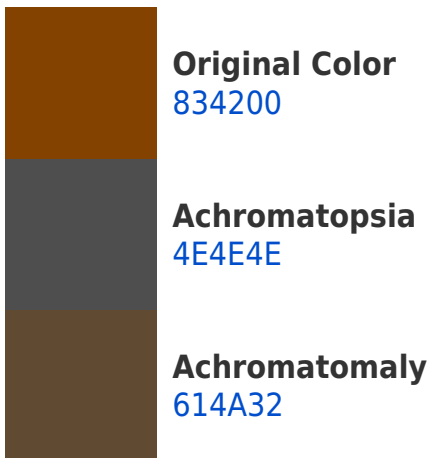


**Tritanopia**  
853D42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 834200 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 #834200 looks like.

```
.text, #text, p{  
    color:#834200  
}
```

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 #834200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834200
}
```

## Border

The CSS property to change the border of an element to Hex 834200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

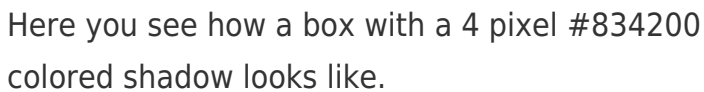
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834200 }
```

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

```
.border{ border-color:#834200 }
```

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



Here you see how a box with a 4 pixel #834200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834200; -webkit-box-shadow:4px 4px  
4px 4px #834200; box-shadow:4px 4px 4px  
4px #834200 }
```

# Background

The CSS property to change the background color of an element to Hex 834200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834200 }
```

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

```
.background{ background-color:#834200 }
```

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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