

# Converting Colors

Hex(877200)

Have a look what the booklet for  
Hex(877200) contains.

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**Color**

**Hex(877200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877200
RGB	135, 114, 0
RGB Percent	53%, 45%, 0%
CMY	0.4706, 0.5529, 1.0000
CMYK	0.00, 0.16, 1.00, 0.47
HSL	51°, 100%, 26%
HSV	51°, 100%, 53%
XYZ	16.0090, 17.1855, 2.4734
YIQ	107.2830, 49.1100, -31.0020

# Conversions

## Conversions Part 2

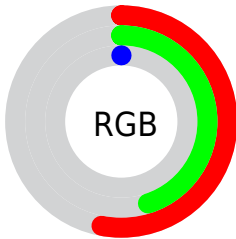
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 135, 0
Decimal	8876544
CIE Lab	48.49, -1.86, 54.55
CIE LCh	48, 54.584, 91.951
Yxy	17.1855, 0.4488, 0.4818
Android (android.graphics.Color)	4287066624 (0xFF877200)
YUV	107.2830, -52.8905, 24.3078
Hunter-Lab	41.4554, -3.6150, 25.4814

# Details

The Hex color **877200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **001587**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C0A53F**, and **514300** is the 20% darker color. If you saturate the color by 10%, you get **877200**, and if you desaturate by 10%, it is **87740D**.

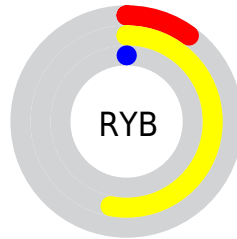
# Distribution



Red (53%)

Green (45%)

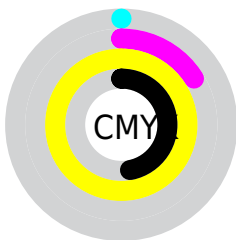
Blue (0%)



Red (10%)

Yellow (53%)

Blue (0%)

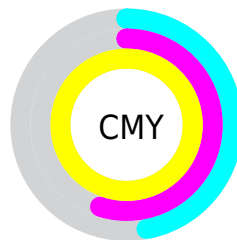


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877200 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 877200 by changing the saturation by 10% instead.



 877200

 877200

FFFFFF

 6B5A00

 C0A53F

 514300

 DDC059

 372D00

 FBDC74

 1E1900

 FFF98F

 000000

 FFFFAA

 FFFFC6

 FFFFEE3

 877200

 87740D

 87761B

 877829

 877A36

 877D44

 877F51

 87815E

 87836C

 87857A

# Harmonies

## Analogous

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



AB601E



877200



587E1B

# Triad

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



877200



0088A3



AD509F

# Complementary

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



877200



001587

# 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.



7666C2



877200



0083C4

# Square

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



877200



008975



0078D0



C44572

# Rectangle

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



877200



2B8436



0078D0



9F57AD



# Sweetspot

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



877200



B0A87B



870017



595439



D9D9D9



595959



# Same Dimension

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



877200



B09500



5A8700



42413C



826E00



030200



# Inverse Universe

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



001587



001BB0



2D0087



3C3D42



001482

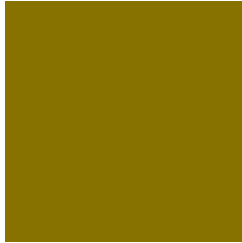


000003



# Previews

## White Background



This preview shows how the Hex color 877200 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 877200 Background



This preview shows how black text looks on a background with the Hex color 877200.

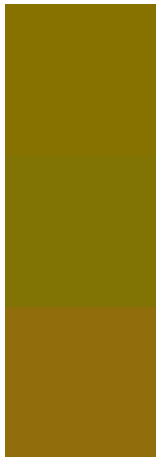


This preview shows how white text looks on a background with the Hex color 877200.

# 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**  
877200

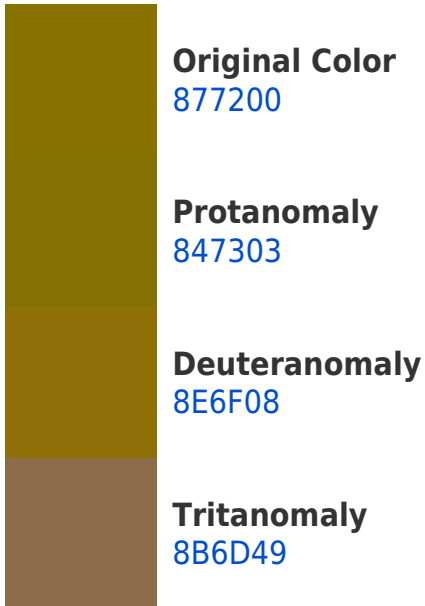
**Protanopia**  
827404

**Deuteranopia**  
926D0C

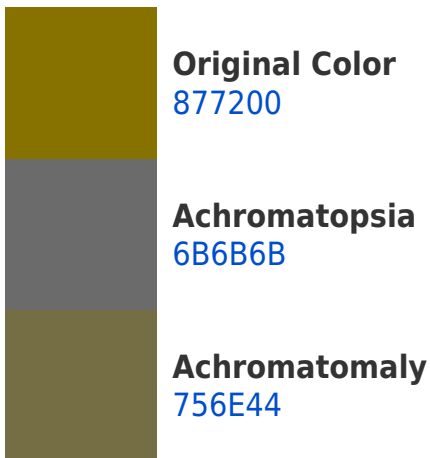


**Tritanopia**  
8D6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877200 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 #877200 looks like.

```
.text, #text, p{  
    color:#877200  
}
```

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 #877200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877200
}
```

## Border

The CSS property to change the border of an element to Hex 877200 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
#877200 }
```

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

```
.border{ border-color:#877200 }
```

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

Here you see how a box with a 4 pixel #877200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877200; -webkit-box-shadow:4px 4px  
4px 4px #877200; box-shadow:4px 4px 4px  
4px #877200 }
```

# Background

The CSS property to change the background color of an element to Hex 877200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877200 }
```

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

```
.background{ background-color:#877200 }
```

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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