

# Converting Colors

Hex(877928)

Have a look what the booklet for  
Hex(877928) contains.

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**Color**

**Hex(877928)**

# Conversions

## Conversions Part 1

Format	Color
Hex	877928
RGB	135, 121, 40
RGB Percent	53%, 47%, 16%
CMY	0.4706, 0.5255, 0.8431
CMYK	0.00, 0.10, 0.70, 0.47
HSL	51°, 54%, 34%
HSV	51°, 70%, 53%
XYZ	17.2120, 18.9788, 4.7636
YIQ	115.9520, 34.3450, -22.2230

# Conversions

## Conversions Part 2

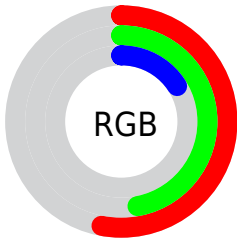
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 135, 40
Decimal	8878376
CIELab	50.66, -4.46, 44.46
CIELCh	51, 44.685, 95.726
Yxy	18.9788, 0.4203, 0.4634
Android (android.graphics.Color)	4287068456 (0xFF877928)
YUV	115.9520, -37.4443, 16.7051
Hunter-Lab	43.5647, -5.7144, 24.0122

# Details

The Hex color **877928** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **283687**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **BFAD5A**, and **524900** is the 20% darker color. If you saturate the color by 10%, you get **87771B**, and if you desaturate by 10%, it is **877B36**.

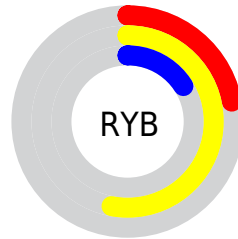
# Distribution



Red (53%)

Green (47%)

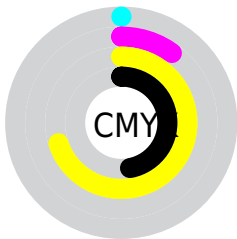
Blue (16%)



Red (22%)

Yellow (53%)

Blue (16%)

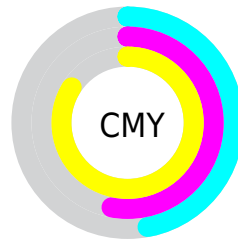


Cyan (0%)

Magenta (10%)

Yellow (70%)

Black (47%)



Cyan (47%)

Magenta (53%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 877928 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 877928 by changing the saturation by 10% instead.





877928



877928

FFFFFF



6C600C



BFAD5A



524900



DCC874



393300



F9E48E



201E00



FFFFA9



000500



FFFFC5



000000



FFFFE1

FFFFFFE



877928



877928

■ 87771B

■ 877B36

■ 87750D

■ 877D43

■ 877300

■ 877F51

■ 87815E

■ 87836C

■ 878579

■ 878787

■ 878994

■ 878BA2

# Harmonies

## Analogous

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



A76B32



877928



5F8337

# Triad

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



877928



008AA4



AD5D99

# Complementary

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



877928



283687

# 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.



846CB7



877928



0085BE

# Square

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



877928



008B7F



3C7AC4



BE5773

# Rectangle

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



877928



3D884C



3C7AC4



A261A4



# Sweetspot

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



877928



B0AB8B



872836



595643



D9D9D9



595959



# Same Dimension

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



877928



B09A1C



668728



42413C



826F00



030200



# Inverse Universe

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



283687



1C32B0



492887



3C3D42



001382



000003



# Previews

## White Background



This preview shows how the Hex color 877928 looks on a white 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

# Black 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

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



## Hex 877928 Background



This preview shows how black text looks on a background with the Hex color 877928.



This preview shows how white text looks on a background with the Hex color 877928.

# 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**  
877928

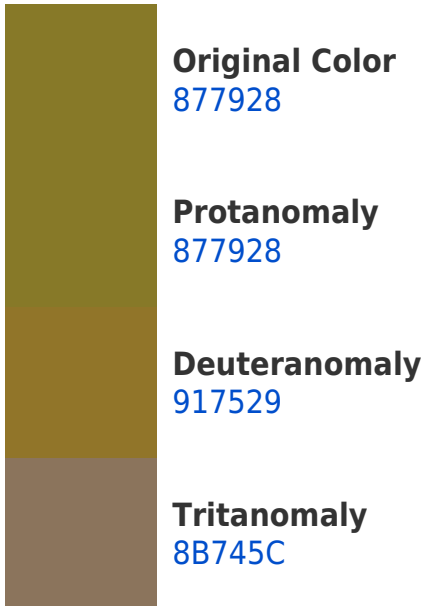
**Protanopia**  
877928

**Deuteranopia**  
97732A

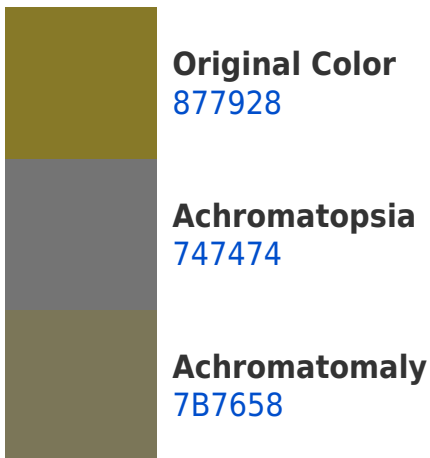


**Tritanopia**  
8E717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 877928 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 #877928 looks like.

```
.text, #text, p{  
    color:#877928  
}
```

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 #877928 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #877928
}
```

## Border

The CSS property to change the border of an element to Hex 877928 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
#877928 }
```

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

```
.border{ border-color:#877928 }
```

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

Here you see how a box with a 4 pixel #877928 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #877928; -webkit-box-shadow:4px 4px  
4px 4px #877928; box-shadow:4px 4px 4px  
4px #877928 }
```

# Background

The CSS property to change the background color of an element to Hex 877928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#877928 }
```

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

```
.background{ background-color:#877928 }
```

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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