

# Converting Colors

Decimal(8880236)

Have a look what the booklet for  
Decimal(8880236) contains.

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# Color

**Decimal(8880236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	87806C
RGB	135, 128, 108
RGB Percent	53%, 50%, 42%
CMY	0.4706, 0.4980, 0.5765
CMYK	0.00, 0.05, 0.20, 0.47
HSL	44°, 11%, 48%
HSV	44°, 20%, 53%
XYZ	20.4176, 21.6719, 17.2943
YIQ	127.8130, 10.5920, -4.7360

# Conversions

## Conversions Part 2

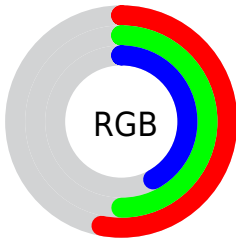
<b>Format</b>	<b>Color</b>
<b>RYB</b>	117, 135, 108
Decimal	8880236
CIELab	53.68, -0.88, 11.82
CIELCh	54, 11.854, 94.267
Yxy	21.6719, 0.3438, 0.3649
Android (android.graphics.Color)	4287070316 (0xFF87806C)
YUV	127.8130, -9.7678, 6.3030
Hunter-Lab	46.5531, -3.1802, 10.5612

# Details

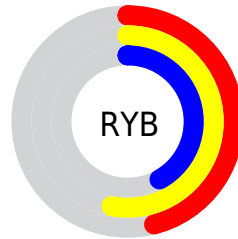
The Decimal color **8880236** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7107463**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **12367263**, and **5590845** is the 20% darker color. If you saturate the color by 10%, you get **8879454**, and if you desaturate by 10%, it is **8881274**.

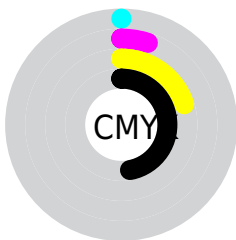
# Distribution



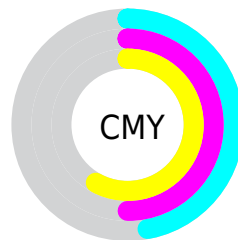
- Red (53%)
- Green (50%)
- Blue (42%)



- Red (46%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8880236 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 Decimal color 8880236 by changing the saturation by 10% instead.





8880236



8880236

16777215



7235412



12367263



5590845



14209210



4077607



16117206



2564882



16777203



1117440



0



8880236



8880236



8879454



8881274



8878417



8882055

■ 8877380

■ 8883093

■ 8876598

■ 8883874

■ 8875561

■ 8884912

■ 8874779

■ 8885693

■ 8873741

■ 8886731

■ 8872960

■ 8887512

■ 8888550

# Harmonies

## Analogous

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



9469294



8880236



8094575

# Triad

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



8880236



6719115



9403017

# Complementary

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



8880236



7107463

# 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.



8682897



8880236



7111826

# Square

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



8880236



6850177



7831956



9795967

# Rectangle

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



8880236



7636340



7831956



9206668



# Sweetspot

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



8880236



11578789



8875123



5855315



14277081



5855577



# Same Dimension

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



8880236



11576710



8488812



4342076



8544256



197120



# Inverse Universe

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



7107463



8819120



7498887



3947842



8834



259



# Previews

## White Background



This preview shows how the Decimal color 8880236 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



This preview shows how the Decimal color 8880236 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

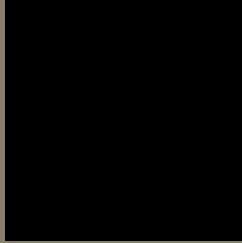
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

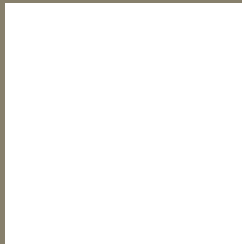
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8880236 Background



This preview shows how black text looks on a background with the Decimal color 8880236.



This preview shows how white text looks on a background with the Decimal color 8880236.

# 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**

8880236

**Protanopia**

8880236

**Deuteranopia**

9665389



**Tritanopia**  
9075846

# Trichromacy



**Original Color**  
8880236

**Protanomaly**  
8880236

**Deuteranomaly**  
9403757

**Tritanomaly**  
9010557

# Monochromacy



**Original Color**  
8880236

**Achromatopsia**  
8421504

**Achromatomaly**  
8618105

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8880236 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 #87806C looks like.

```
.text, #text, p{  
    color:#87806C  
}
```

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 #87806C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87806C
}
```

## Border

The CSS property to change the border of an element to Decimal 8880236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

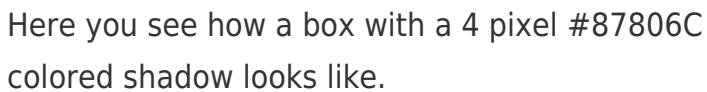
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87806C }
```

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

```
.border{ border-color:#87806C }
```

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



Here you see how a box with a 4 pixel #87806C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87806C; -webkit-box-shadow:4px 4px  
4px 4px #87806C; box-shadow:4px 4px 4px  
4px #87806C }
```

# Background

The CSS property to change the background color of an element to Decimal 8880236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87806C }
```

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

```
.background{ background-color:#87806C }
```

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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